Cosmetic Product Safety Report

SQT Anti-Aging Rejuvenation Set- SQT Firming Repair Mask

This safety assessment relates to the formulation described below. If the information below is incorrect, please amend and resubmit for reassessment.

Hunan Sunshine Bio-Tech Co., Ltd
Building E7, Lugu Yuyuan, No.27, Wenxuan Road,
High-Tech Development Zone, Changsha, Hunan,
China, 410000

Formulation Ref: N/A

Buyer/Final Retailer: N/A

Manufacturer: N/A

PRODUCT FORMULATION

The chemical names shown below refer to the raw materials used to formulate this product. The identity of the raw materials is not necessarily based on the International Nomenclature of Cosmetic Ingredients (INCI) and does not represent the INCI listing that must be shown on the product label and is for assessment purposes only. An outline INCI label can be prepared on request.

Chemical Name	Conc	% Max Active	Max Active in Product	CAS No	Einecs No
AQUA (WATER)	84.835	100	84.835	7732-18-5	231-791-2
GLYCERIN	10.2	100	10.2	56-81-5 / 8013-25-0	200-289-5
PANTHENOL	2	100	2	81-13-0 / 16485-10-2	201-327-3 / 240-540-6
PROPANEDIOL	0.5	100	.5	504-63-2	207-997-3
1,2-HEXANEDIOL	0.4	100	.4	6920-22-5	230-029-6
BETA-GLUCAN	0.3	100	.3	26874-89-5 /53238-80-5 /55965-23-6	258-443-2/ 310-127-6
CARBOXYMETHYL CHITOSAN	0.3	100	.3	83512-85-0	-
SODIUM POLYGLUTAMATE	0.3	100	.3	28829-38-1	POLYMER
TREMELLA FUCIFORMIS SPOROCARP EXTRACT	0.3	100	.3	N/A	N/A
XANTHAN GUM	0.3	100	.3	11138-66-2	234-394-2
HYDROXYACETOPHENONE	0.2	100	.2	99-93-4	202-802-8 (I)
HYDROLYZED SODIUM HYALURONATE	0.2	100	.2	-	-
CAPRYLHYDROXAMIC ACID	0.05	100	.05	7377-03-9	230-936-7
ETHYLHEXYLGLYCERIN	0.05	100	.05	70445-33-9	408-080-2
PROPYLENE GLYCOL	0.05	100	.05	57-55-6	200-338-0
DISODIUM PHOSPHATE	0.005	100	.005	7558-79-4/7782-85-6/10028 -24-7	231-448-7
FIBRONECTIN	0.005	100	.005	86088-83-7	289-149-2
SODIUM PHOSPHATE	0.005	100	.005	7558-80-7/ 7632-05-5/10049 -21-5	231-449-2/ 231-558-5

MSDS/SDS, CoA/TDS and toxicity profile (where applicable) were listed in the Appendix 1

LABELLED WARNINGS & INSTRUCTIONS OF USE

CONSUMER EXPOSURE

Product Class: Face Mask
IFRA Product type: Facial Masks
IFRA Category: Category 5
Targeted Population:Children 14 years of age 50.4kg (Mean)

Amount per application/g:	20.00	Number of applications per day:	Twice per week
Skin Surface Area of Application/cm^2:	565	Physical form:	Liquid
Total Amount applied per day/g:	20.00	Part of body exposed to undiluted product:	Hands and face
Estimated Daily Exposure mg/kg/day:	-		

Amount Per Unit Area of Skin per day mg/cm^2/day: 35.50
Retention factor: 1.00
Exposure Time Neat: 20 Minutes
Exposure Time Dilute: Not Applicable
Exposure time Solvent Inhalation: Not Applicable
Exposure time Aerosol Inhalation: Not Applicable

MICROBIOLOGICAL QUALITY

To comply with "Guidelines on Microbiological Quality of the Finished Cosmetic Product" under SCCS's Notes of Guidance, the following limits apply to this product:

Category 2: Other cosmetic products. Total Aerobic Mesophilic Microorganisms (Bacteria plus yeast and mould) should not exceed 1000 cfu/g or ml in the product. Escherichia coli， Pseudomonas aeruginosa and Staphylococcus aureus must not be detectable in the cosmetic product
Microbiological specifications for the product have been supplied and meet the requirements specified therein for this type of product.

Microbiological specification test report or data was listed in the Appendix 2-1
This product is a single use cosmetic product which can be used only once and is then disposed of. Preservative challenge testing is therefore not applicable to the safety of this product and only microbiological quality testing of the finished cosmetic product is required.

STABILITY OF COSMETIC PRODUCT

It is assumed that the responsible person has selected all pertinent criteria required to evaluate the stability of this cosmetic product during reasonable foreseeable conditions of storage. The stability report provided by the supplier and based upon the conclusions made therein, this cosmetic product appears to be stable under reasonably foreseeable storage conditions.

Stability Test Report or Data of Cosmetic Product was listed in the Appendix 3

PACKAGING COMPATIBILITY

It is assumed that the responsible person has identified the most applicable testing required to determine the packaging stability and its interaction with the cosmetic product contained within it. Taking into consideration the information supplied to the assessor, there appears to be no immediate health concern due to the characteristics of packaging materials in direct contact with the final product.

Package Compatibility Test Report and/or data was listed in the Appendix 4

SERIOUS / UNDESIRABLE EFFECTS

The supplier has confirmed that no undesirable effects or serious undesirable effects of this cosmetic product have been reported or, where relevant, cosmetic products with a similar formulation.

Serious/ Undesirable Effects of Cosmetic Product Declaration was listed in Appendix 5

FRAGRANCE COMPOSITIONS

This formulation does not contain a synthetic fragrance and therefore a fragrance safety evalution as per IFRA code of practice is not applicable to this product.

According to Cosmetic Regulation (EC) No. 1223/2009, a complete cosmetic product safety report shall, at a minimum, contain cosmetic product safety information and cosmetic product safety assessment. The former includes raw materials and packaging material specifications, toxicological profile of substance (taking into account of purity of substance) contained in the cosmetic product and any known undesirable effects of the cosmetic product.

TOXICOLOGICAL & REGULATORY REVIEW

The product is mainly a mixture of solvent, moisturizer, skin conditioner and thickener. None of the ingredients is on the prohibition list of the Cosmetic Regulation (EC) No. 1223/2009.
Most of the ingredients are commonly used in cosmetic products and reviewed by CIR Panel, CIR confirmed that 1,2-hexanediol, panthenol, hydroxyacetophenone are safe for use at the current level.
According to above information, there is no safety concern for the ingredients used in this product. However, the possibility cannot be discounted that a small number of users may experience an allergic reaction or other idiosyncratic reaction to an ingredient in the formulation if they have been previously sensitized to the ingredient.

Limits of heavy metals were satisfied legal requirements and testing report was listed in the Appendix 7

No existing studies from human volunteers were provided.

Effects of the product as supplied on the skin

The formulation as supplied may cause only minimal skin irritation even if exposure is prolonged and/or repeated.

Repeated exposure to the formulation as supplied is unlikely to produce allergy by skin contact.

Exposure to this product is unlikely to result in phototoxic effects.

Unlikely to cause damage to internal organs following absorption through the skin.

Effects of the product as supplied on the eye

Accidental exposure of the eye to the formulation as supplied may result in minimal eye irritation.

Effects following ingestion of the product as supplied

The formulation as supplied if swallowed is unlikely to cause harm.

Effects of inhaling the product

Inhalation is an unlikely route of exposure

Overall Assessment Conclusion

The ingredients are legally permitted as per Cosmetic Regulation (EC) No 1223/2009 and its amendments and the safety assessment has been carried out in accordance to this regulation. They must comply with the relevant purity standards for cosmetic ingredients. It is assumed that these ingredients do not contain any undisclosed impurities/contaminants that would affect the conclusions reached. The product must be manufactured in accordance with EU Guidance on Good Manufacturing Practice.

Under normal or reasonably foreseeable conditions of use, product made to this formulation is unlikely to produce an abnormally high number of adverse reactions.

Cosmetic Regulations Product Safety Assessor

Leshuai Zhang,Toxicologist,PhD, DABT, ERT, UKRT
Intertek GM Testing Services Zhuhai Co. Ltd.
6/F, R&D and Testing/B, Guangdong-Macau TCM Park commercial Service center, 2522 Huan Dao Bei Road, Hengqin New Area, Zhuhai, China

Date: 22 Nov 2022

SUMMARY OF TOXICOLOGICAL INFORMATION OF SUBSTANCES

Remark: Substance toxicological summary was listed in this section and used only for MoS calculation, please refer to Toxicological Profiles of Substances for full information.

Chemical Substance: AQUA (WATER)

EU INCI NAME:aqua (Water)

CAS: 7732-18-5 Function: Solvent

EINECS 231-791-2 Melting Point: 0°C

Appearance: Liquid Boiling Point: 100°C

Water Solubility: highly soluble

Cosmetic Regulatory Summary:

EU Cosmetics Status: Not controlled

Regulatory Summary:

EU DSD/DPD Classification> Unclassified

EU CLP Harmonised Classification> Unclassified

Systemic Exposure Dosage / Margin of Safety:

SED Adult mg/kg bw/day: 282.7833 No NOAEL Available NOAEL mg/kg bw day: -

SED Child mg/kg bw/day: 1015.988 No NOAEL Available NOAEL test method: -

SED Baby mg/kg bw/day: 2875.762 No NOAEL Available

Toxicological Summary:

Simply water unlikely to cause irritation, allergy or harm. Used in many cosmetic products as a solvent and necessary to sustain biological life. The source of water should be known, monitored to GMP and either a deionized or high purity grade free from toxins, pollutants and bacteriological contamination should be used in cosmetic products.

Chemical Substance: GLYCERIN

EU INCI NAME:GLYCERIN

CAS: 56-81-5 / 8013-25-0 Function: Denaturant / Humectant / Perfuming / Solvent / Fragrance Ingredient / Hair & Skin Conditioning Agent / Oral Care Agent / Skin Protectant / Viscosity Decreasing Agent

EINECS 200-289-5

Appearance: liquid Melting Point: ~18°C

Log Kow: -1.76 Boiling Point: 290°C

Water Solubility: miscible with water Vapour Pressure: <0.01 mm Hg @ 20°C

Cosmetic Regulatory Summary:

EU Cosmetics Status: Not controlled

Regulatory Summary:

EU DSD/DPD Classification> unclassified

EU CLP Harmonised Classification> unclassified

Systemic Exposure Dosage / Margin of Safety:

SED Adult mg/kg bw/day: 34.00000 MoS - Adult 60kg: 134.7 NOAEL mg/kg bw day: 4580

SED Child mg/kg bw/day: 122.1556 MoS - Child 16.7kg: 37.4 NOAEL test method: 90-day oral

SED Baby mg/kg bw/day: 345.7627 MoS - Baby 5.9kg: 13.2

Toxicological Summary:

The ingredient is not acutely toxic, a skin irritant, an eye irritant, a skin sensitizer, mutagenic, carcinogenic, a reproductive toxicant, nor is it bioaccumulative. No information was available on its phototoxicity. Based on this information and other scientific literature on this ingredient, safety concerns are not expected with this ingredient for use in cosmetics.

Chemical Substance: PANTHENOL

EU INCI NAME:PANTHENOL

CAS: 81-13-0 / 16485-10-2 Function: Antistatic/Hair & Skin Conditioning

EINECS 201-327-3 / 240-540-6

Log Kow: -1.92 (estimated)

Water Solubility: Freely soluble

Cosmetic Regulatory Summary:

EU Cosmetics Status: Not controlled

Regulatory Summary:

EU DSD/DPD Classification> Unclassified

EU CLP Harmonised Classification> Unclassified

Systemic Exposure Dosage / Margin of Safety:

SED Adult mg/kg bw/day: 6.66666 MoS - Adult 60kg: 74.9 NOAEL mg/kg bw day: 500

SED Child mg/kg bw/day: 23.95209 MoS - Child 16.7kg: 20.8 NOAEL test method: 190-day repeated dose

SED Baby mg/kg bw/day: 67.79661 MoS - Baby 5.9kg: 7.3

Toxicological Summary:

The ingredient is not acutely toxic, reproductively toxic, skin sensitizing or bioaccumulative but is, at most, mildly irritating to the skin and eyes. No information is readily available on the ingredient's mutagenicity, carcinogenicity or phototoxicity. Due to the lack of systemic oral dose response intake and the very low toxicity of pantothenic acid and its derivatives (calcium pantothenate and panthenol) and other scientific literature on this ingredient, safety concerns are not expected with this ingredient for use in cosmetics when formulated to be non-irritating (CIR, 1987; SCF, 2002).

Chemical Substance: PROPANEDIOL

EU INCI NAME:PROPANEDIOL

CAS: 504-63-2 Function: Solvent

EINECS 207-997-3

Appearance: liquid

Cosmetic Regulatory Summary:

EU Cosmetics Status: Not controlled

Regulatory Summary:

EU DSD/DPD Classification> Not known

EU CLP Harmonised Classification>

Systemic Exposure Dosage / Margin of Safety:

SED Adult mg/kg bw/day: 1.66666	MoS - Adult 60kg: 499999.9	NOAEL mg/kg bw day: 1000
SED Child mg/kg bw/day: 5.98802	MoS - Child 16.7kg: 139166.6	NOAEL test method: 13-week rat study (developmental)
SED Baby mg/kg bw/day: 16.94915	MoS - Baby 5.9kg: 49166.6	

Toxicological Summary:

Cosmetic Functions : Solvent / Viscosity Controlling / Viscosity Decreasing Agent. Widely used alcoholic solvent. In most cases a low irritation potential substance but can enhance the irritancy of soap mixtures especially in patch tests. Propandiol was tested for inhalation toxicity (Inhal Toxicol. 2005 Aug;17(9):487-93). The highest concentration tested, 1800 mg/m^3 was also considered the no-observed-effect level (NOEL) for this study. 1,3-Propanediol does not appear to pose a significant hazard via inhalation of either the vapor or a vapor/aerosol mixture. 1,3-propanediol is of low toxicity following oral administration. In a 13-week rat study the NOAEL was 1000 mg/kg bw/day. In the developmental study, the LOAEL was 250 mg/kg bw/day for marginal fetal effects (retarded ossification).

A more recent study published in cosmetic and toiletries magazine, provided a review of 1,3-propandiol vs propylene glycol. In studies on 100 human volunteers, PDO up to 50% was found to be non irritating, non sensitizing and non fatiguing.A few people in a 200 volunteer RIPT study, displayed signs of only mild redness following challenge application. It was concluded that PDO has low potential to irritate or sensitize human skin.

Reference: SCF/CS/CNTM/CARGO/16 Final4 April 2003.
Belcher, Dupont; Cosmetics and toiletires Magazine, 125, 5, 81-86.

Chemical Substance: 1,2-HEXANEDIOL

EU INCI NAME:1,2-HEXANEDIOL

CAS: 6920-22-5 Function: Solvent

EINECS 230-029-6

Cosmetic Regulatory Summary:

EU Cosmetics Status: Not controlled

Regulatory Summary:

EU DSD/DPD Classification> Unclassified

EU CLP Harmonised Classification>

Systemic Exposure Dosage / Margin of Safety:

SED Adult mg/kg bw/day: 1.33333	No NOAEL Available
SED Child mg/kg bw/day: 4.79041	No NOAEL Available
SED Baby mg/kg bw/day: 13.55932	No NOAEL Available

Toxicological Summary:

A diol alcohol, Hexane diol has the formula $CH_3(CH_2)_3CH_2CH(OH)CH_2OH$. This alcohol is widely used in cosmetic products and incorporation into skin formulations will be uneventful.

Chemical Substance: BETA-GLUCAN

EU INCI NAME:BETA-GLUCAN

CAS: 26874-89-5 /53238-80-5 /55965-23-6 Function: Skin conditioning agent

EINECS 258-443-2/ 310-127-6 Boiling Point: 865.2 °C at 760 mmHg

Appearance: powder

Cosmetic Regulatory Summary:

EU Cosmetics Status: Not controlled

Regulatory Summary:

EU DSD/DPD Classification> Unclassified

EU CLP Harmonised Classification> Unclassified

Systemic Exposure Dosage / Margin of Safety:

SED Adult mg/kg bw/day: 1.00000	MoS - Adult 60kg: 7500.0	NOAEL mg/kg bw day: 7500
SED Child mg/kg bw/day: 3.59281	MoS - Child 16.7kg: 2087.5	NOAEL test method: 99-114 wks in mice by oral
SED Baby mg/kg bw/day: 10.16949	MoS - Baby 5.9kg: 737.5	

Toxicological Summary:

Cosmetic function: skin conditioning. A polysaccharide consisting of b(1-3) linked glucose chains carrying b(1-6) linked glucose sidechains. Used to enhance the immune system and to lower blood cholesterol levels. When use in cosmetic products should be uneventful.

Chemical Substance: CARBOXYMETHYL CHITOSAN

CAS: 83512-85-0

EINECS -

EU DSD/DPD Classification>

EU CLP Harmonised Classification>

Systemic Exposure Dosage / Margin of Safety:

SED Adult mg/kg bw/day: 1.00000	No NOAEL Available
SED Child mg/kg bw/day: 3.59281	No NOAEL Available
SED Baby mg/kg bw/day: 10.16949	No NOAEL Available

Toxicological Summary:

Chitosan, N-(carboxymethyl), Function: FILM FORMING/GEL FORMING/VISCOSITY CONTROLLING. The ingredient is not listed on the prohibition list of the Cosmetic Regulation (EC) No. 1223/2009.

Chemical Substance: SODIUM POLYGLUTAMATE

EU INCI NAME:SODIUM POLYGLUTAMATE

CAS: 28829-38-1 Function: humectants

EINECS polymer

EU DSD/DPD Classification›

EU CLP Harmonised Classification›

Systemic Exposure Dosage / Margin of Safety:

SED Adult mg/kg bw/day: 1.00000 No NOAEL Available

SED Child mg/kg bw/day: 3.59281 No NOAEL Available

SED Baby mg/kg bw/day: 10.16949 No NOAEL Available

Toxicological Summary:

Synthetic polymer formed by the polymerization of glutamic acid. Used as a skin and hair conditioning agent this polymer if a naturally occurring amino acid is not expected to present any risks to health when used in cosmetics.

Chemical Substance: TREMELLA FUCIFORMIS SPOROCARP EXTRACT

EU INCI NAME:TREMELLA FUCIFORMIS SPOROCARP EXTRACT

CAS: n/a Function: Conditioning agent

EINECS n/a

EU DSD/DPD Classification›

EU CLP Harmonised Classification›

Systemic Exposure Dosage / Margin of Safety:

SED Adult mg/kg bw/day: 1.00000 No NOAEL Available

SED Child mg/kg bw/day: 3.59281 No NOAEL Available

SED Baby mg/kg bw/day: 10.16949 No NOAEL Available

Toxicological Summary:

Function: antioxidant / hair, skin conditioning / humectant. Tremella fuciformis, also known as white fungus or silver tree-ear fungus) is a type of jelly fungus (a kind of mushroom) that is used in Chinese cuisine (savory, sweet dishes). Listed in CosIng as a cosmetic ingredient.

Chemical Substance: XANTHAN GUM

EU INCI NAME:XANTHAN GUM

CAS: 11138-66-2 Function: Binders / Emulsion stabilisers / Viscosity controlling agents

EINECS 234-394-2

Appearance: Cream coloured powder (JECFA,1999; CIR, 2012)

Water Solubility: Soluble (JECFA, 1999)

Cosmetic Regulatory Summary:

EU Cosmetics Status: Not controlled

Regulatory Summary:

EU DSD/DPD Classification› unclassified

EU CLP Harmonised Classification› unclassified

Systemic Exposure Dosage / Margin of Safety:

SED Adult mg/kg bw/day: 1.00000 MoS - Adult 60kg: 1000.0 NOAEL mg/kg bw day: 1000

SED Child mg/kg bw/day: 3.59281 MoS - Child 16.7kg: 278.3 NOAEL test method: CD rats 104 weeks oral

SED Baby mg/kg bw/day: 10.16949 MoS - Baby 5.9kg: 98.3

Toxicological Summary:

The ingredient is not acutely toxic through the oral and inhalation routs. It is not an ocular or skin irritant and is not sensitizing. It is not carcinogenic, reprotoxic and does not bioaccumulate in the body. No information is readily available on the mutagenicity, dermal absorption/ percutaneous potential as well as the acute dermal toxicity of the ingredient. It should be noted that this ingredient has been approved by the EU and FDA as a food additive. Based on this information and other scientific literature on this ingredient, safety concerns are not expected with this ingredient for use in cosmetics

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Chemical Substance: HYDROXYACETOPHENONE

EU INCI NAME:HYDROXYACETOPHENONE

CAS: 99-93-4 Melting Point: 109 °C (REACH Dossiers, 2017)

EINECS 202-802-8 (I) Boiling Point: the normal boiling temperature could not be determined

Appearance: solid (REACH Dossiers, 2017)

Water Solubility: 10 g/L at 22 °C

Cosmetic Regulatory Summary:

EU Cosmetics Status: Not controlled

Regulatory Summary:

EU DSD/DPD Classification› Unclassfied

EU CLP Harmonised Classification› Unclassfied

Systemic Exposure Dosage / Margin of Safety:

SED Adult mg/kg bw/day: 0.66666 MoS - Adult 60kg: 67.4 NOAEL mg/kg bw day: 45

SED Child mg/kg bw/day: 2.39520 MoS - Child 16.7kg: 18.7 NOAEL test method: 90 day to rats by oral

SED Baby mg/kg bw/day: 6.77966 MoS - Baby 5.9kg: 6.6

Toxicological Summary:

The ingredient is not acutely toxic, an eye irritant, a skin sensitizer, mutagenic, a reproductive toxicant, but it is an eye irritant. No safety concern at current levels of intake when used as a flavouring agent by JECFA (JECFA, 2017). Based on this information and other scientific literature on this ingredient, safety concerns are not expected with this ingredient for use in cosmetics when formulated to be non-irritating.

Chemical Substance: HYDROLYZED SODIUM HYALURONATE

CAS: -
EINECS -

Cosmetic Regulatory Summary:

EU Cosmetics Status: Not controlled

EU DSD/DPD Classification›

EU CLP Harmonised Classification›

Systemic Exposure Dosage / Margin of Safety:

SED Adult mg/kg bw/day: 0.66666 No NOAEL Available
SED Child mg/kg bw/day: 2.39520 No NOAEL Available
SED Baby mg/kg bw/day: 6.77966 No NOAEL Available

Toxicological Summary:

Description: Hydrolyzed Sodium Hyaluronate is the hydrolysate of Sodium Hyaluronate derived by acid, enzyme or other method of hydrolysis. Function: SKIN CONDITIONING. The ingredient is not listed on the prohibition list of the Cosmetic Regulation (EC) No. 1223/2009.

Chemical Substance: CAPRYLHYDROXAMIC ACID

EU INCI NAME:CAPRYLHYDROXAMIC ACID

CAS: 7377-03-9
EINECS 230-936-7

Cosmetic Regulatory Summary:

EU Cosmetics Status: Not controlled

EU DSD/DPD Classification›

EU CLP Harmonised Classification›

Systemic Exposure Dosage / Margin of Safety:

SED Adult mg/kg bw/day: 0.16666 No NOAEL Available NOAEL mg/kg bw day: -
SED Child mg/kg bw/day: 0.59880 No NOAEL Available
SED Baby mg/kg bw/day: 1.69491 No NOAEL Available

Toxicological Summary:

Function: CHELATING. At a low concentration used in cosmetic products, not expected to pose an adverse risk to health.

Chemical Substance: ETHYLHEXYLGLYCERIN

EU INCI NAME:OCTOXYGLYCERIN

CAS: 70445-33-9 Function: Skin conditioning agent/ preservative
EINECS 408-080-2

Appearance: Solid
Log Kow: 2.4 +/- 0.55

Cosmetic Regulatory Summary:

EU Cosmetics Status: Not controlled

Regulatory Summary:

EU DSD/DPD Classification› R41-52/53

EU CLP Harmonised Classification› Eye Dam. 1

Systemic Exposure Dosage / Margin of Safety:

SED Adult mg/kg bw/day: 0.16666 MoS - Adult 60kg: 299.9 NOAEL mg/kg bw day: 50
SED Child mg/kg bw/day: 0.59880 MoS - Child 16.7kg: 83.5 NOAEL test method: subchronic oral toxicity study
SED Baby mg/kg bw/day: 1.69491 MoS - Baby 5.9kg: 29.5

Toxicological Summary:

This ingredient is not acutely toxic . May cause mild skin irritation. Undiluted ethylhexylglycerin causes serious eye damage; 5% aqueous solution of ethylhexylglycerin was mildly irritating to eyes. It is not sensitizing, mutagenic or reproductive toxic.

Chemical Substance: PROPYLENE GLYCOL

EU INCI NAME:PROPYLENE GLYCOL

CAS: 57-55-6 Function: Humectant/Solvent
Skin Conditioning/Viscosity Controlling
EINECS 200-338-0

Appearance: liquid Melting Point: -60°C
Log Kow: -0.78 Boiling Point: 187°C
Water Solubility: miscible Vapour Pressure: 0.07 mm/Hg

Cosmetic Regulatory Summary:

EU Cosmetics Status: Not controlled

Regulatory Summary:

EU DSD/DPD Classification› unclassified

EU CLP Harmonised Classification› unclassified

Systemic Exposure Dosage / Margin of Safety:

SED Adult mg/kg bw/day: 0.16666 MoS - Adult 60kg: 17863.3 NOAEL mg/kg bw day: 1700
SED Child mg/kg bw/day: 0.59880 MoS - Child 16.7kg: 4971.9 NOAEL test method: Chronic oral Toxicity to rat
SED Baby mg/kg bw/day: 1.69491 MoS - Baby 5.9kg: 1756.5

Toxicological Summary:

The ingredient is not acutely toxic, mutagenic, a reproductive toxicant, and is not carcinogenic. It is not a dermal irritant based on in vivo animal tests and clinical trials with human subjects. It causes minimal eye irritation according to OECD 405 test. Based on this information and other scientific literature on this ingredient, safety concerns are not expected with this ingredient for use in cosmetics when formulated to be non-irritating.

Chemical Substance: DISODIUM PHOSPHATE

EU INCI NAME:DISODIUM PHOSPHATE

CAS: 7558-79-4/7782-85-6/10028-24-7 Function: Buffering/Masking/Anticorrosive

EINECS 231-448-7 Melting Point: > 723 K

Appearance: Solid

Water Solubility: > 10000 mg/L

Cosmetic Regulatory Summary:

EU Cosmetics Status: Not controlled

Regulatory Summary:

EU DSD/DPD Classification> unclassified

EU CLP Harmonised Classification> unclassified

Systemic Exposure Dosage / Margin of Safety:

SED Adult mg/kg bw/day: 0.01666	MoS - Adult 60kg: 19367.9	NOAEL mg/kg bw day: 322.8
SED Child mg/kg bw/day: 0.05988	MoS - Child 16.7kg: 5390.7	NOAEL test method: 90-day oral in rats
SED Baby mg/kg bw/day: 0.16949	MoS - Baby 5.9kg: 1904.5	

Toxicological Summary:

The ingredient is not acutely toxic, a skin irritant, an eye irritant, a skin sensitizer, mutagenic, a reproductive toxicant and bioaccumulative. No information available for phototoxic. Based on this information and other scientific literature on this ingredient, safety concerns are not expected with this ingredient for use in cosmetics when formulated to be non-irritating and non-sensitizing.

Chemical Substance: FIBRONECTIN

EU INCI NAME:FIBRONECTIN

CAS: 86088-83-7

EINECS 289-149-2

Cosmetic Regulatory Summary:

EU Cosmetics Status: Not controlled

EU DSD/DPD Classification>

EU CLP Harmonised Classification>

Systemic Exposure Dosage / Margin of Safety:

SED Adult mg/kg bw/day: 0.01666	No NOAEL Available
SED Child mg/kg bw/day: 0.05988	No NOAEL Available
SED Baby mg/kg bw/day: 0.16949	No NOAEL Available

Toxicological Summary:

Function: SKIN CONDITIONING. The ingredient is not listed on the prohibition list of the Cosmetic Regulation (EC) No. 1223/2009.

Chemical Substance: SODIUM PHOSPHATE

EU INCI NAME:SODIUM PHOSPHATE

CAS: 7558-80-7/ 7632-05-5/10049-21-5 Function: Buffering/Masking/Anticorrosive

EINECS 231-449-2/ 231-558-5 Melting Point: > 723 K

Appearance: Solid

Water Solubility: > 10000 mg/L

Cosmetic Regulatory Summary:

EU Cosmetics Status: Not controlled

Regulatory Summary:

EU DSD/DPD Classification> unclassified

EU CLP Harmonised Classification> unclassified

Systemic Exposure Dosage / Margin of Safety:

SED Adult mg/kg bw/day: 0.01666	MoS - Adult 60kg: 22499.9	NOAEL mg/kg bw day: 375
SED Child mg/kg bw/day: 0.05988	MoS - Child 16.7kg: 6262.4	NOAEL test method: 90- day oral in rats
SED Baby mg/kg bw/day: 0.16949	MoS - Baby 5.9kg: 2212.5	

Toxicological Summary:

The ingredient is not acutely toxic, a skin irritant, an eye irritant, a skin sensitizer. It is not mutagenic toxic, not a reproductive toxicant. The bioaccumulative potential could not be judged. No information on its carcinogenic and phototoxic potential. But it is a permitted food additive by WHO with MTDI of 70 mg/kg bw (as P) (JECFA, 2015). Based on this information and other scientific literature on this ingredient, safety concerns are not expected with this ingredient for use in cosmetics.

Note: In the absence of NOAEL data, the Margin of Safety (MoS) has not been calculated.
Unless otherwise determined and in the absence of literature or other experimental data, a Dermal Absorption (DAp) of 100% is taken as the worst case scenario.
NOAEL: No Observed Adverse Effect Level; MoS: Margin of Safety; SED Systemic Exposure Dosage
Calculation of Margin of Safety: MoS = NOAEL / SED

Reference for skin surface area, exposures and application quantities are derived from:
1. RIVM Report 320104001/2006
2. References sited in Dermal Sensitization Quantitative Risk Assessment (QRA) For Fragrance Ingredients, 2006 revision
3. Exposure factors handbook 2009 Update
4. The SCCS's Notes of Guidance for the Testing of Cosmetic Ingredients and their Safety Evaluation 10th Revision SCCS/1501/12
5. Colipa Data SCCNFP/0321/02
6. McNamara et al, Food Chem. Tox; 2007, 45, 2086
7. Loretz et al, Food Chem. Tox; 2008, 46, 1516
N.B. Exposure times have been taken from RIVM Report 320104001/2006
8. Body weights taken from Exposure factors handbook 2009 Update and mean values have been used unless specified otherwise
9. ConsExpo database
10. New default values for the spray model, RIVM, March 2010

This formulation has been safety assessed by Intertek with reference to Articles 3 and 10 of Cosmetic Regulation (EC) No. 1223/2009. The safety assessment is based on the chemical specification and toxicological profile of the ingredients as supplied at the time of assessment.
The supplier to this safety assessment is advised to ask for a new safety evaluation if any change in formulation occurs, change in raw materials used, abnormally high number of adverse events are recorded, changes in recommended uses or other circumstances that may affect the safety of this product.

The REACH dossier, IUCLID Datasheet, OECD SIDS and EU RAR often include unpublished data, not otherwise available; however, it must be noted that the authorities have issued legal disclaimers for the databases. The declaimer, among other cautions, stressed that the data in the dossier, datasheet, data set or report are not necessarily comprehensive, complete, accurate or up-to-date. Use of the data may also be subject to copyright laws. Therefore, data from the such resource are used as supporting information.

Appendixes of Cosmetic Product Safety Report

For

[SQT Anti-Aging Rejuvenation Set-

SQT Firming Repair Mask]

The testing report, declaration letter, SDS/MSDS, TDS, CoA, IFRA Certificate and other supportive document listed in this appendix were provided from client and delivered to risk assessor to conduct the CPSR, it is supplier' s responsibility to make sure the accuracy of the documents.

Appendix 1- Toxicological Profiles of Substances

1. *Toxicity summary*
2. *MSDS/SDS*
3. *TDS/CoA*

Appendix 2- Microbiological Quality Test Report of Cosmetic Product

1. *Microbiological specification test report or data*
2. *Preservative challenge test report or data*

Appendix 3- Stability Test Report or Data of Cosmetic Product

Appendix 4- Packaging Compatibility Test Report and/or data

1. *Container data*
2. *Outer Packaging material*

Appendix 5- Serious/ Undesirable Effects of Cosmetic Product Declaration or Report

Appendix 6- Fragrance

1. *IFRA Certificate*
2. *MSDS/SDS*
3. *Allergen declaration*

Appendix 7- Heavy Metal Test Report of Cosmetic Product

Appendix 8- Human Volunteers Studies

1. *Human volunteers study for the cosmetic product*
2. *Human volunteers study for raw material*

Appendix 9- Assessor's credentials

Appendix 1- Toxicological Profiles of Substances

1. Toxicity summary

Substance toxicological summary was listed in this report and detailed data are stored in Intertek owned in house database, could provide on specific request.

2. MSDS/SDS

See below report(s) if available

3. TDS/CoA

See below report(s) if available

MATERIAL SAFETY DATA SHEET

(SQT Anti-Aging Rejuvenation Set)

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Identification of the substance or preparation:

Product Name: SQT Anti-Aging Rejuvenation Set
Use of the substance/preparation: Cosmetic additives

Company identification:

Manufactured By: Hunan Sunshine Bio-Tech Co., Ltd
Unit 1, E7 building, No. 27
Wenxuan Road, High-Tech Development Zone
Changsha 410000, P.R.of China
Phone Number: 86-731-83991999
Email: info@sunshineextract.com

2. HARZARDOUS IDENTIFICATION

Potential Acute Health Effects:

Hazardous in case of eye contact (irritant), of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant, permeator).

Potential Chronic Health Effects:

CARCINOGENIC EFFECTS: Not available.

MUTAGENIC EFFECTS: Not available.

TERATOGENIC EFFECTS: Not available.

DEVELOPMENTAL TOXICITY: Not available.

3. COMPOSITION/INFORMATION ON INGREDIENT

Chemical Identity: karnosin
Purity: 99%
ELINCS #: N/A
CAS#: 14808-60-7

4. FIRST AID MEASURES

Inhalation: Move person to fresh air immediately.

Eye Contact: Irrigate surfaces thoroughly with water

Skin Contact: Rinse areas thoroughly with water

Ingestion: Rinse mouth thoroughly with water

5. FIRE FIGHTING MEASURES

Special Fire Fighting Procedures: Ordinary extinguishing process can be taken in case of fire.

Extinguishing Media: No prohibited media.

Protection for the person-related fire fighting: Wear or use normal protective equipment. No special clothing or equipment is required.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

Avoid dust formation.

Environmental precautions

Do not let product enter drains.

Methods for cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Handling: Once the container is opened it should be used promptly, as coloration and decomposition may occur by moisture absorption.

Storage: Storage below room temperature preferred. Store tightly closed in cool, dry, dark and ventilated conditions to maintain the quality for long period.

8. EXPOSURE CONTROL PERSONAL PROTECTION

Desirable Concentration: Not established

Acceptable Concentration: Not established

Facility Care: No special care required

Protective Care: Not necessary during usual handling

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: white powder

Odor: Characteristic

Taste: Characteristic

Color: white powder

Critical Temperature: Not available.

Specific Gravity: Not available.

Volatility: Not available.

Odor Threshold: Not available.

Water/Oil Dist. Coeff.: Not available.

Ionicity (in Water): Not available.

Dispersion Properties: Not available.

Solubility: Very slightly soluble in cold water.

10. STABILITY AND REACTIVITY

Stability: The product is stable.
Instability Temperature: Not available.
Conditions of Instability: Excess heat, incompatible materials
Incompatibility with various substances: Reactive with oxidizing agents.
Corrosivity: Non-corrosive in presence of glass.
Special Remarks on Reactivity: Not available.
Special Remarks on Corrosivity: Not available.
Polymerization: Will not occur.

11. TOXICOLOGICAL INFORMATION

Routes of Entry: Eye contact. Inhalation. Ingestion.
Toxicity to Animals:
LD50: Not available. LC50: Not available.
Chronic Effects on Humans: The substance is toxic to lungs, mucous membranes.
Other Toxic Effects on Humans:
Hazardous in case of ingestion, of inhalation. Slightly hazardous in case of skin contact (irritant, permeator).
Special Remarks on Toxicity to Animals: Not available.
Special Remarks on Chronic Effects on Humans: Not available.
Special Remarks on other Toxic Effects on Humans: Not available.

12. ECOLOGICAL INFORMATION

Ecotoxicity: Not available.

BOD5 and COD: Not available.

Products of Biodegradation:

Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.

Toxicity of the Products of Biodegradation: The products of degradation are less toxic than the product itself.

Special Remarks on the Products of Biodegradation: Not available.

13. DISPOSAL CONSIDERATION

Disposal Method:

Disposal should be made in accordance with federal, state and local regulation.

Contaminated packaging

Dispose of as unused product.

14. TRANSPROT INFORMATION

DOT (US)

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

15. REGULATORY INFORMATION

The Law Concerning the Examination and Regulation of Manufacture etc. of Chemical Substances

- The Pharmaceutical Affairs Law

16. OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. HUNAN SUNSHINE BIO-TECH CO., LTD shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Updated Jan.1, 2022

End of MSDS

Appendix 2- Microbiological Quality Test Report of Cosmetic Product

1. Microbiological specification test report or data

See below report(s) if available

2. Preservative challenge test report or data

See below report(s) if available

Test Report Number: GZHH00472057

Applicant: Hunan Sunshine Bio-Tech Co., Ltd
Building E7, Lugu Yuyuan, No.27, Wenxuan Road, High-Tech Development Zone, Changsha, Hunan, China, 410000

Date: Nov 01, 2022

Sample Description:

One (1) style of submitted sample said to be :

Item Name	:	**SQT Anti-Aging Rejuvenation Set.**
Country of Origin	:	China.
Date Sample Received	:	Oct 20, 2022
Testing Period	:	Oct 20, 2022 to Nov 01, 2022

****

Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

****

Conclusion:

Tested Sample	Standard	Result
Tested component(s) of submitted sample(s)	The European Cosmetic Regulation (EC) No.1223/2009 Annex I Part A 3, Microbiological control criteria of the cosmetic products.	Pass
	With reference to the Notification of the German Federal Health Office Centre (BGA) up to 1996 on toxic elements analysis for cosmetics	Meet

****

Intertek GM Testing Service Zhuhai Co. Ltd.

Maggie Liu
Technical Supervisor
Healthcare and Beauty Products

Intertek GM Testing Service Zhuhai Co. Ltd.
珠海天祥粤澳质量技术服务有限公司

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Test Report Number: GZHH00472057

Tests Conducted

1 Microbiological examination of non-sterile products : Microbial Enumeration Tests and tests for specified microorganisms of submitted sample

With reference to British Pharmacopoeia (2020), Appendix XVI B2 & B1 and European Pharmacopoeia 10.0 Edition, Chapter 2.6.12 & 2.6.13.

Test Item		Result		Limit
		(1)	(2)	
(I)	Total Aerobic Microbial Count (per g)	＜10 CFU#	＜10 CFU#	Category (B): (I) + (II) should be ≤1,000 CFU
(II)	Moulds and Yeasts Count (per g)	＜10 CFU#	＜10 CFU#	
(III)	*Escherichia coli* (per g)	Absence	Absence	Absence
(IV)	*Pseudomonas aeruginosa* (per g)	Absence	Absence	Absence
(V)	*Staphylococcus aureus* (per g)	Absence	Absence	Absence
(VI)	*Candida albicans* (per g)	Absence	Absence	Absence
(VII)	Bile-Tolerant Gram-Negative Bacteria (per g)	Absence	Absence	-
(VIII)	*Salmonella sp.* (per 10g)	Absence	Absence	-
(IX)	*Clostridia sp.* (per g)	Absence	Absence	-

Test Item		Result		Limit
		(3)	(4)	
(I)	Total Aerobic Microbial Count (per g)	＜10 CFU#	＜10 CFU#	Category (B): (I) + (II) should be ≤1,000 CFU
(II)	Moulds and Yeasts Count (per g)	＜10 CFU#	＜10 CFU#	
(III)	*Escherichia coli* (per g)	Absence	Absence	Absence
(IV)	*Pseudomonas aeruginosa* (per g)	Absence	Absence	Absence
(V)	*Staphylococcus aureus* (per g)	Absence	Absence	Absence
(VI)	*Candida albicans* (per g)	Absence	Absence	Absence
(VII)	Bile-Tolerant Gram-Negative Bacteria (per g)	Absence	Absence	-
(VIII)	*Salmonella sp.* (per 10g)	Absence	Absence	-
(IX)	*Clostridia sp.* (per g)	Absence	Absence	-

****

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Test Report Number: GZHH00472057

Tests Conducted

Test component(s):
(1) White cream (4-1)
(2) Yellow liquid (4-2)
(3) Transparent liquid attached to white non-woven cloth (4-3)
(4) White cream (4-4)

Remark :

#	=	No colony was detected at the one-tenth dilution of the sample
CFU	=	Colony Forming Unit
<	=	Less than
≤	=	Less than or equal to

The limit for test item (I) and (II) is with reference to the notes of guidelines on microbiological quality of the finished cosmetic products adopted by Scientific Committee on Consumer Safety (SCCS, 11th Rev., 2021) of the European Commission, Microbiological Quantitative Limits for Category B Cosmetic Products.

Category A: Cosmetic products specifically intended for children under 3 years, eye area and mucous membranes.
Category B: Other cosmetic products.

Sample received condition: sample (1)、(2)、(4) in closed bottle, sample (3) in unopened container.

****

Intertek GM Testing Service Zhuhai Co. Ltd.
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Test Report Number: GZHH00472057

Tests Conducted

2 Toxic Element Analysis (Cosmetics)

Acid digestion for Antimony (Sb), Arsenic (As), Cadmium (Cd), Lead (Pb) and Mercury (Hg) and perspiration simulant extraction for Soluble Nickel (Ni), follow by Inductively Coupled Plasma Mass Spectrometry analysis.

Element	Result (ppm) Test component(s)				Reporting Limit (ppm)	Limit# (ppm)
	(1)	(2)	(3)	(4)		
Total Antimony (Sb)	ND	ND	ND	ND	0.1	10
Total Arsenic (As)	ND	ND	ND	ND	0.1	5
Total Cadmium (Cd)	ND	ND	ND	ND	0.1	5
Total Lead (Pb)	ND	ND	ND	ND	0.1	20
Total Mercury (Hg)	ND	ND	ND	ND	0.1	1
Soluble Nickel (Ni)	ND	ND	ND	ND	0.1	10

Test component(s):
(1) White cream (4-1)
(2) Yellow liquid (4-2)
(3) Transparent liquid attached to white non-woven cloth (4-3)
(4) White cream (4-4)

Remark :
ppm = parts per million = mg/kg
# = The limit is with reference to the Notification of the German Federal Health Office (BGA), Pg 28, No. 7, July 1985 and No. 7/1992 and No. 4/1996 for cosmetics
ND = Not detected (less than reporting limit)

****

End of report

Intertek GM Testing Service Zhuhai Co. Ltd.
珠海天祥粤澳质量技术服务有限公司

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Appendix 3- Stability Test Report or Data of Cosmetic Product

See below report(s) if available

SQT Anti-Aging Rejuvenation Set Stability Test Report

Inspection number：CP2022070310

Product Name	SQT Biomicroneedling Firming Cream	Batch Number	2526C16161
Specification	5g/vial	Source	Production Department
Representative Amount	10419 vials	Sampling Date	July 03, 2022
Sampling Amount	10 vials	Report Date	October 25, 2022
Inspection Purpose	Finished product inspection	Testing Basis	QB/T 1857

Test items	Standard Regulation	0 week	2 week	4 weeks	6 weeks	8 weeks	12 weeks	16 weeks
Appearance	Cream	Comply	Comply	Comply	Comply	Comply	Comply	Comply
Odor	Odorless	Comply	Comply	Comply	Comply	Comply	Comply	Comply
Colour	White	Comply	Comply	Comply	Comply	Comply	Comply	Comply
Packaging materials	brown glass bottle	Comply	Comply	Comply	Comply	Comply	Comply	Comply
Heat resistance	At (40+1)°C ,no oil-water separation after return to room temperature.	Comply	Comply	Comply	Comply	Comply	Comply	Comply
Cold resistance	At (5+1)°C, no significant differences in traits after return to room temperature.	Comply	Comply	Comply	Comply	Comply	Comply	Comply
PH	4.0-8.5	6.7	6.5	6.6	6.8	6.7	6.8	6.7
Net content	Should comply with the regulations	Comply	Comply	Comply	Comply	Comply	Comply	Comply

Total number of colonies	≤ 1000CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g
Total Mold and Yeast	≤ 100CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g
Conclusion	This product was tested according to QB/T 1857 and the results were in accordance with the regulations.							

Head of Quality ： Phil　　Reviewer：Peter　　Inspector：Adam

Inspection number：CP2022070311

Product Name	SQT Firming Rejuvenation Essence	Batch Number	2526B16151
Specification	5ml/vial	Source	Production Department
Representative Amount	10367 vials	Sampling Date	July 03, 2022
Sampling Amount	4 vials	Report Date	October 25, 2022
Inspection Purpose	Finished product inspection	Testing Basis	QB/T 2660

Test items	Standard Regulation	0 week	2 week	4 weeks	6 weeks	8 weeks	12 weeks	16 weeks
Appearance	Liquid	Comply	Comply	Comply	Comply	Comply	Comply	Comply
Odor	Odorless	Comply	Comply	Comply	Comply	Comply	Comply	Comply
Colour	Pale yellow	Comply	Comply	Comply	Comply	Comply	Comply	Comply
Packaging materials	Brown glass vial	Comply	Comply	Comply	Comply	Comply	Comply	Comply

Heat resistance	At (40+1)°C , no significant differences in traits after return to room temperature.	Comply	Comply	Comply	Comply	Comply	Comply	Comply
Cold resistance	At (5+1)°C, no significant differences in traits after return to room temperature.	Comply	Comply	Comply	Comply	Comply	Comply	Comply
PH	4.0-8.5	6.7	6.8	6.9	6.7	6.9	6.6	6.7
Net content	Should comply with the regulations	Comply	Comply	Comply	Comply	Comply	Comply	Comply
Total number of colonies	≤ 1000CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g
Total Mold and Yeast	≤ 100CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g
Conclusion	This product was tested according to QB/T 2660 and the results were in accordance with the regulations.							

Head of Quality ： Phil　　Reviewer：Peter　　Inspector：Adam

Inspection number：CP2022070312

Product Name	SQT Firming Repairing Mask	Batch Number	2527A15301
Specification	28ml/Piece	Source	Production Department
Representative Amount	10568 pieces	Sampling Date	July 03, 2022
Sampling Amount	4 pieces	Report Date	October 25, 2022
Inspection Purpose	Finished product inspection	Testing Basis	QB/T 2872

Test items	Standard Regulation	0 week	2 week	4 weeks	6 weeks	8 weeks	12 weeks	16 weeks
Appearance	Moist fiber film, free from impurities	Comply	Comply	Comply	Comply	Comply	Comply	Comply
Odor	Odorless	Comply	Comply	Comply	Comply	Comply	Comply	Comply
Colour	Colorless	Comply	Comply	Comply	Comply	Comply	Comply	Comply
Packaging materials	Clear facial mask bag	Comply	Comply	Comply	Comply	Comply	Comply	Comply
Heat resistance	At (40+1)°C , no significant differences in traits after return to room temperature.	Comply	Comply	Comply	Comply	Comply	Comply	Comply
Cold resistance	At (5+1)°C, no significant differences in traits after return to room temperature.	Comply	Comply	Comply	Comply	Comply	Comply	Comply
PH	4.0-8.5	5.9	6.1	6.0	6.0	5.9	6.1	5.9
Net content	Should comply with the regulations	Comply	Comply	Comply	Comply	Comply	Comply	Comply
Total number of colonies	≤ 1000CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g
Total Mold and Yeast	≤ 100CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g
Conclusion	This product was tested according to QB/T 2872 and the results were in accordance with the regulations.							

Head of Quality ： Phil　　Reviewer：Peter　　Inspector：Adam

Inspection number：CP2022070313

Product Name	SQT Firming Rejuvenation Cream	Batch Number	2526B26151
Specification	5g/vial	Source	Production Department
Representative Amount	10435 vials	Sampling Date	July 03, 2022
Sampling Amount	10 vials	Report Date	October 25, 2022
Inspection Purpose	Finished product inspection	Testing Basis	QB/T 1857

Test items	Standard Regulation	0 week	2 week	4 weeks	6 weeks	8 weeks	12 weeks	16 weeks
Appearance	Cream	Comply	Comply	Comply	Comply	Comply	Comply	Comply
Odor	Odorless	Comply	Comply	Comply	Comply	Comply	Comply	Comply
Colour	White	Comply	Comply	Comply	Comply	Comply	Comply	Comply
Packaging materials	Brown glass vial	Comply	Comply	Comply	Comply	Comply	Comply	Comply
Heat resistance	At (40+1)°C , no oil-water separation after return to room temperature.	Comply	Comply	Comply	Comply	Comply	Comply	Comply
Cold resistance	At (5+1)°C, no significant differences in traits after return to room temperature.	Comply	Comply	Comply	Comply	Comply	Comply	Comply
PH	4.0-8.5	6.9	7.0	6.8	6.7	6.9	6.9	6.9
Net content	Should comply with the regulations	Comply	Comply	Comply	Comply	Comply	Comply	Comply
Total number of colonies	≤ 1000CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g

Total Mold and Yeast	≤ 100CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g	<10CFU/g
Conclusion	This product was tested according to QB/T1857 and the results were in accordance with the regulations.							

Head of Quality ： Phil　　Reviewer：Peter　　Inspector：Adam

Appendix 4- Packaging Compatibility Test Report and/or data

1. Container data

1.1 Basic information

No detail information was provided

2. Outer Packaging material

See below report(s) if available

intertek
Total Quality. Assured.

Test Report Number: GZHH00472089

Applicant: Hunan Sunshine Bio-Tech Co., Ltd
Building E7, Lugu Yuyuan, No.27, Wenxuan Road, High-Tech Development Zone, Changsha, Hunan, China, 410000

Date: Oct 28, 2022

Sample Description:

One (1) style of submitted sample said to be :

Item Name	:	**(1) Clear facial mask bag** **(2) White facial mask cloth.**
Country of Origin	:	China.
Date Sample Received	:	Oct 20, 2022
Testing Period	:	Oct 20, 2022 to Oct 28, 2022

****

Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

****

Conclusion:

Tested Sample	Standard	Result
Tested component(s) of submitted sample(s)	Heavy Metals Content Requirement in Directive 94/62/EC and amendments on packaging and packaging waste	Pass

****

Intertek GM Testing Service Zhuhai Co. Ltd.

Maggie Liu
Technical Supervisor
Healthcare and Beauty Products

Intertek GM Testing Service Zhuhai Co. Ltd.
珠海天祥粤澳质量技术服务有限公司

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Test Report Number: GZHH00472089

Tests Conducted

1 Toxic Elements Analysis

Alkaline digestion method was used and Hexavalent Chromium was determined by UV-Visible Spectrophotometry; Acid digestion method was used and Lead, Cadmium and Mercury were determined by Inductively Coupled Plasma Mass Spectrometry.

Element	Result (ppm) Tested Component		Detection Limit (ppm)	Limit (ppm)
	(1)	(2)		
Lead (Pb)	ND	ND	5	--
Cadmium (Cd)	ND	ND	5	--
Mercury (Hg)	ND	ND	5	--
Chromium VI (Cr (VI))	ND	ND	1	--
Sum of Pb, Cd, Hg and Cr (VI)	ND	ND	--	100

Tested Component(s):
(1) Clear facial mask bag
(2) White facial mask cloth

ppm = part per million = mg/kg
ND = Not detected (less than detection limit)

Remark: Only detected element(s) is / are included in calculation of the sum.

****

End of report

Intertek GM Testing Service Zhuhai Co. Ltd.
珠海天祥粤澳质量技术服务有限公司

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Appendix 5- Serious/ Undesirable Effects of Cosmetic Product Declaration or Report

See below report(s) if available

LETTER OF DECLARATION

To Whom It May Concern:

Product Name: SQT Anti-Aging Rejuvenation Set

Product: SQT Biomicroneedling Firming Cream

Chemical Name	Trade Name	Concentration (%)
AQUA	AQUA	53.66-58.74
GLYCERIN	GLYCERIN	6-6.6
PROPANEDIOL	PROPANEDIOL	5-5.5
HYDROLYZED SPONGE	HYDROLYZED SPONGE	5
CALCIUM SILICATE	CALCIUM SILICATE	
SODIUM SILICATE	SODIUM SILICATE	
C13-15 ALKANE	C13-15 ALKANE	4.5-5.0
ISONONYL ISONONANOATE	ISONONYL ISONONANOATE	4-4.5
AQUA	AQUA	3-3.3
GLYCERIN	GLYCERIN	
SODIUM ACRYLIC ACID/MA COPOLYMER	SODIUM ACRYLIC ACID/MA COPOLYMER	
BUTYLENE GLYCOL	BUTYLENE GLYCOL	
CAPRYLYL GLYCOL	CAPRYLYL GLYCOL	
HEXANEDIOL	HEXANEDIOL	
CETEARYL ALCOHOL	CETEARYL ALCOHOL	2-2.2
DIMETHICONE	DIMETHICONE	1.5-1.65
GLYCERYL STEARATE	GLYCERYL STEARATE	1.35-1.5
PEG-100 STEARATE	PEG-100 STEARATE	
RICE FERMENT FILTRATE (SAKE)	RICE FERMENT FILTRATE (SAKE)	1.4-1.54
HYDROXYACETOPHENONE	HYDROXYACETOPHENONE	
1,2-HEXANEDIOL	1,2-HEXANEDIOL	
BUTYLENE GLYCOL	BUTYLENE GLYCOL	
THEOBROMA GRANDIFLORUM SEED BUTTER	THEOBROMA GRANDIFLORUM SEED BUTTER	1.2-1.32
SILICA	SILICA	1-1.1
INOSITOL	INOSITOL	1-1.1
JOJOBA ESTERS	JOJOBA ESTERS	0.8-0.88

HELIANTHUS ANNUUS (SUNFLOWER) SEED WAX	HELIANTHUS ANNUUS (SUNFLOWER) SEED WAX	
ACACIA DECURRENS FLOWER WAX	ACACIA DECURRENS FLOWER WAX	
POLYGLYCERIN-3	POLYGLYCERIN-3	
GLYCERYL CAPRYLATE	GLYCERYL CAPRYLATE	
CAPRYLHYDROXAMIC ACID	CAPRYLHYDROXAMIC ACID	
HYDROXYACETOPHENONE	HYDROXYACETOPHENONE	0.8-0.88
BUTYLENE GLYCOL	BUTYLENE GLYCOL	
AQUA	AQUA	
DIMETHICONE	DIMETHICONE	0.5-0.55
GLYCERYL STEARATE SE	GLYCERYL STEARATE SE	0.5-0.55
AQUA	AQUA	
GLYCERIN	GLYCERIN	
DENDROBIUM NOBILE STEM EXTRACT	DENDROBIUM NOBILE STEM EXTRACT	
ALOE BARBADENSIS LEAF EXTRACT	ALOE BARBADENSIS LEAF EXTRACT	
SOPHORA FLAVESCENS ROOT EXTRACT	SOPHORA FLAVESCENS ROOT EXTRACT	0.5-1
LYCIUM BARBARUM FRUIT EXTRACT	LYCIUM BARBARUM FRUIT EXTRACT	
ECHINACEA PURPUREA EXTRACT	ECHINACEA PURPUREA EXTRACT	
PHENOXYETHANOL	PHENOXYETHANOL	
ETHYLHEXYLGLYCERIN	ETHYLHEXYLGLYCERIN	
GLYCERIN	GLYCERIN	
AQUA	AQUA	
BUTYLENE GLYCOL	BUTYLENE GLYCOL	
CARBOMER	CARBOMER	
POLYSORBATE 20	POLYSORBATE 20	0.5-1
PALMITOYL TRIPEPTIDE-1	PALMITOYL TRIPEPTIDE-1	
PALMITOYL TETRAPEPTIDE-7	PALMITOYL TETRAPEPTIDE-7	
AMMONIUM ACRYLOYLDIMETHYLTAURATE/VP COPOLYMER	AMMONIUM ACRYLOYLDIMETHYLTAURATE/VP COPOLYMER	0.26-0.36
BUTYROSPERMUM PARKII (SHEA) BUTTER	BUTYROSPERMUM PARKII (SHEA) BUTTER	0.2-0.3
CARNOSINE	CARNOSINE	0.2-0.3

STEARETH-21	STEARETH-21	0.15-0.165
ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER	ACRYLATES/C10-30 ALKYL ACRYLATE CROSSPOLYMER	0.12-0.15
TOCOPHERYL ACETATE	TOCOPHERYL ACETATE	0.1-0.2
DISODIUM EDTA	DISODIUM EDTA	0.1-0.2
BISABOLOL	BISABOLOL	0.1-0.2
ZINGIBER OFFICINALE (GINGER) ROOT OIL	ZINGIBER OFFICINALE (GINGER) ROOT OIL	
ARGININE	ARGININE	0.08-0.088
XANTHAN GUM	XANTHAN GUM	0.05-0.055
SODIUM HYALURONATE	SODIUM HYALURONATE	0.03-0.033

Product: SQT Firming Rejuvenation Essence

Chemical Name	Trade Name	Concentration (%)
AQUA	AQUA	45.8-62.78
GLYCERIN	GLYCERIN	8-11
AQUA	AQUA	8-11
GLYCERIN	GLYCERIN	
GLYCERYL POLYMETHACRYLATE	GLYCERYL POLYMETHACRYLATE	
PROPYLENE GLYCOL	PROPYLENE GLYCOL	
PVM/MA COPOLYMER	PVM/MA COPOLYMER	
METHYLPARABEN	METHYLPARABEN	
PROPYLPARABEN	PROPYLPARABEN	
BUTYLENE GLYCOL	BUTYLENE GLYCOL	5-6
PROPANEDIOL	PROPANEDIOL	4-5
DIPEPTIDE DIAMINOBUTYROYL BENZYLAMIDE DIACETATE	DIPEPTIDE DIAMINOBUTYROYL BENZYLAMIDE DIACETATE	3-5
BUTYLENE GLYCOL	BUTYLENE GLYCOL	
PENTYLENE GLYCOL	PENTYLENE GLYCOL	
AQUA	AQUA	
AQUA	AQUA	2.5-4
PROPANEDIOL	PROPANEDIOL	
FIBRONECTIN	FIBRONECTIN	
GLYCERIN	GLYCERIN	
DISODIUM PHOSPHATE	DISODIUM PHOSPHATE	
SODIUM PHOSPHATE	SODIUM PHOSPHATE	

PEG/PPG/POLYBUTYLENE GLYCOL-8/5/3 GLYCERIN	PEG/PPG/POLYBUTYLENE GLYCOL-8/5/3 GLYCERIN	2-4
GLYCERIN	GLYCERIN	2-3
AQUA	AQUA	
BUTYLENE GLYCOL	BUTYLENE GLYCOL	
CARBOMER	CARBOMER	
POLYSORBATE 20	POLYSORBATE 20	
PALMITOYL TRIPEPTIDE-1	PALMITOYL TRIPEPTIDE-1	
PALMITOYL TETRAPEPTIDE-7	PALMITOYL TETRAPEPTIDE-7	
CAPRYLHYDROXAMIC ACID	CAPRYLHYDROXAMIC ACID	0.8-1.0
ETHYLHEXYLGLYCERIN	ETHYLHEXYLGLYCERIN	
1,2-HEXANEDIOL	1,2-HEXANEDIOL	
PROPYLENE GLYCOL	PROPYLENE GLYCOL	
AQUA	AQUA	
BACILLUS/SOYBEAN FERMENT EXTRACT	BACILLUS/SOYBEAN FERMENT EXTRACT	0.5-0.8
AQUA	AQUA	
BUTYLENE GLYCOL	BUTYLENE GLYCOL	
FOLIC ACID	FOLIC ACID	
1,2-HEXANEDIOL	1,2-HEXANEDIOL	
SODIUM HYALURONATE	SODIUM HYALURONATE	
LACTOBACILLUS/BEAN SEED EXTRACT/SODIUM GLUTAMATE FERMENT FILTRATE	LACTOBACILLUS/BEAN SEED EXTRACT/SODIUM GLUTAMATE FERMENT FILTRATE	0.5-0.8
BUTYLENE GLYCOL	BUTYLENE GLYCOL	
AMMONIUM ACRYLOYLDIMETHYLTAURATE/VP COPOLYMER	AMMONIUM ACRYLOYLDIMETHYLTAURATE/VP COPOLYMER	0.1-0.3
CARNOSINE	CARNOSINE	0.2-0.4
HYDROLYZED SODIUM HYALURONATE	HYDROLYZED SODIUM HYALURONATE	0.15-0.3
SODIUM HYALURONATE	SODIUM HYALURONATE	0.1-0.3
CENTELLA ASIATICA EXTRACT	CENTELLA ASIATICA EXTRACT	0.1-0.3
BETA-GLUCAN	BETA-GLUCAN	0.1-0.3
XANTHAN GUM	XANTHAN GUM	0.05-0.2
HYDROLYZED SCLEROTIUM GUM	HYDROLYZED SCLEROTIUM GUM	0.05-0.2

CITRIC ACID	CITRIC ACID	0.03-0.1
SODIUM POLYGLUTAMATE	SODIUM POLYGLUTAMATE	0.02-0.1
SODIUM HYALURONATE	SODIUM HYALURONATE	0.02-0.1

Product: SQT Firming Repair Mask

Chemical Name	Trade Name	Concentration (%)
AQUA	AQUA	81.6-91.55
GLYCERIN	GLYCERIN	5-10
AQUA	AQUA	1-2
PROPANEDIOL	PROPANEDIOL	
FIBRONECTIN	FIBRONECTIN	
GLYCERIN	GLYCERIN	
DISODIUM PHOSPHATE	DISODIUM PHOSPHATE	
SODIUM PHOSPHATE	SODIUM PHOSPHATE	
BETA-GLUCAN	BETA-GLUCAN	1-2
AQUA	AQUA	
1,2-HEXANEDIOL	1,2-HEXANEDIOL	
HYDROXYACETOPHENONE	HYDROXYACETOPHENONE	
PANTHENOL	PANTHENOL	0.5-2
CAPRYLHYDROXAMIC ACID	CAPRYLHYDROXAMIC ACID	0.5-1
ETHYLHEXYLGLYCERIN	ETHYLHEXYLGLYCERIN	
1,2-HEXANEDIOL	1,2-HEXANEDIOL	
PROPYLENE GLYCOL	PROPYLENE GLYCOL	
AQUA	AQUA	
XANTHAN GUM	XANTHAN GUM	0.1-0.3
TREMELLA FUCIFORMIS SPOROCARP EXTRACT	TREMELLA FUCIFORMIS SPOROCARP EXTRACT	0.1-0.3
CARBOXYMETHYL CHITOSAN	CARBOXYMETHYL CHITOSAN	0.1-0.3
SODIUM POLYGLUTAMATE	SODIUM POLYGLUTAMATE	0.1-0.3
HYDROLYZED SODIUM HYALURONATE	HYDROLYZED SODIUM HYALURONATE	0.05-0.2

Product: SQT Firming Rejuvenation Cream

Chemical Name	Trade Name	Concentration (%)
AQUA	AQUA	40.72-54.15

GLYCERIN	GLYCERIN	5.0-5.5
CANDELILLA/JOJOBA/RICE BRAN POLYGLYCERYL-3 ESTERS	CANDELILLA/JOJOBA/RICE BRAN POLYGLYCERYL-3 ESTERS	3.0-3.3
GLYCERYL STEARATE	GLYCERYL STEARATE	
CETEARYL ALCOHOL	CETEARYL ALCOHOL	
SODIUM STEAROYL LACTYLATE	SODIUM STEAROYL LACTYLATE	
PENTAERYTHRITYL TETRAETHYLHEXANOATE	PENTAERYTHRITYL TETRAETHYLHEXANOATE	3.0-3.3
PROPANEDIOL	PROPANEDIOL	3.0-3.3
AQUA	AQUA	2.5-3.5
BUTYLENE GLYCOL	BUTYLENE GLYCOL	
PALMITOYL TRIPEPTIDE-8	PALMITOYL TRIPEPTIDE-8	
CETEARYL ALCOHOL	CETEARYL ALCOHOL	2.0-2.2
HYDROGENATED POLYISOBUTENE	HYDROGENATED POLYISOBUTENE	2.0-2.2
JOJOBA ESTERS	JOJOBA ESTERS	2.0-2.5
HELIANTHUS ANNUUS (SUNFLOWER) SEED WAX	HELIANTHUS ANNUUS (SUNFLOWER) SEED WAX	
ACACIA DECURRENS FLOWER WAX	ACACIA DECURRENS FLOWER WAX	
POLYGLYCERIN-3	POLYGLYCERIN-3	
CYCLOPENTASILOXANE	CYCLOPENTASILOXANE	2.0-2.5
CYCLOHEXASILOXANE	CYCLOHEXASILOXANE	
TREHALOSE	TREHALOSE	2.0-2.2
PENTYLENE GLYCOL	PENTYLENE GLYCOL	2.0-2.2
BIFIDA FERMENT LYSATE	BIFIDA FERMENT LYSATE	2.0-3.0
BUTYLENE GLYCOL	BUTYLENE GLYCOL	
GLYCERIN	GLYCERIN	2.0-3.0
AQUA	AQUA	
BUTYLENE GLYCOL	BUTYLENE GLYCOL	
CARBOMER	CARBOMER	
POLYSORBATE 20	POLYSORBATE 20	
PALMITOYL TRIPEPTIDE-1	PALMITOYL TRIPEPTIDE-1	
PALMITOYL TETRAPEPTIDE-7	PALMITOYL TETRAPEPTIDE-7	
AQUA	AQUA	1.5-2.5
BIOSACCHARIDE GUM-1	BIOSACCHARIDE GUM-1	

PHENOXYETHANOL	PHENOXYETHANOL	
AQUA	AQUA	2.0-3.0
PROPANEDIOL	PROPANEDIOL	
FIBRONECTIN	FIBRONECTIN	
GLYCERIN	GLYCERIN	
DISODIUM PHOSPHATE	DISODIUM PHOSPHATE	
SODIUM PHOSPHATE	SODIUM PHOSPHATE	
DIMETHICONE	DIMETHICONE	1.5-1.75
BUTYROSPERMUM PARKII (SHEA) BUTTER	BUTYROSPERMUM PARKII (SHEA) BUTTER	1.0-1.5
SIMMONDSIA CHINENSIS (JOJOBA) SEED OIL	SIMMONDSIA CHINENSIS (JOJOBA) SEED OIL	1.0-1.5
CYCLOPENTASILOXANE	CYCLOPENTASILOXANE	1.0-1.1
POLYETHYLENE	POLYETHYLENE	
DIMETHICONE	DIMETHICONE	
PEG/PPG-20/15 DIMETHICONE	PEG/PPG-20/15 DIMETHICONE	
PHENYL METHICONE	PHENYL METHICONE	
AQUA	AQUA	1.0-2.0
SACCHAROMYCES/SOY PROTEIN FERMENT	SACCHAROMYCES/SOY PROTEIN FERMENT	
SERINE	SERINE	
FUCOSE	FUCOSE	
GLYCOSAMINOGLYCANS	GLYCOSAMINOGLYCANS	
CAPRYLHYDROXAMIC ACID	CAPRYLHYDROXAMIC ACID	
PROPANEDIOL	PROPANEDIOL	
1,2-HEXANEDIOL	1,2-HEXANEDIOL	
PHENOXYETHANOL	PHENOXYETHANOL	
HYDROXYETHYL ACRYLATE/SODIUM ACRYLOYLDIMETHYL TAURATE COPOLYMER	HYDROXYETHYL ACRYLATE/SODIUM ACRYLOYLDIMETHYL TAURATE COPOLYMER	0.5-1.0
POLYSORBATE 60	POLYSORBATE 60	
SORBITAN ISOSTEARATE	SORBITAN ISOSTEARATE	
AQUA	AQUA	
GLYCERYL CAPRYLATE	GLYCERYL CAPRYLATE	0.8-0.88
CAPRYLHYDROXAMIC ACID	CAPRYLHYDROXAMIC ACID	
HYDROXYACETOPHENONE	HYDROXYACETOPHENONE	

BUTYLENE GLYCOL	BUTYLENE GLYCOL	
AQUA	AQUA	
PHYTOSTERYL/OCTYLDODECYL LAUROYL GLUTAMATE	PHYTOSTERYL/OCTYLDODECYL LAUROYL GLUTAMATE	0.5-0.55
TOCOPHERYL ACETATE	TOCOPHERYL ACETATE	0.5-1.0
GLYCERYLAMIDOETHYL METHACRYLATE/STEARYL METHACRYLATE COPOLYMER	GLYCERYLAMIDOETHYL METHACRYLATE/STEARYL METHACRYLATE COPOLYMER	0.5-1.0
GLYCERIN	GLYCERIN	
BUTYLENE GLYCOL	BUTYLENE GLYCOL	
LACTOBACILLUS/RICE FERMENT	LACTOBACILLUS/RICE FERMENT	0.5-1.0
MALTITOL	MALTITOL	
ARGININE	ARGININE	
SILICA	SILICA	0.5-1.0
ALLANTOIN	ALLANTOIN	0.15-0.2
CARNOSINE	CARNOSINE	0.15-0.2
SODIUM POLYGLUTAMATE	SODIUM POLYGLUTAMATE	0.1-0.2
BETA-GLUCAN	BETA-GLUCAN	0.05-0.1
SODIUM HYALURONATE	SODIUM HYALURONATE	0.05-0.1

1. Animal testing and toxicity studies:

The raw material(s) used in the product and the finish product itself have not been subjected to any animals testing in order to meet the requirements of EU Cosmetic Regulation (EC) No 1223/2009.

2. Undesirable effects (UEs) and serious undesirable effects (SUEs)

The product or, where relevant, other cosmetic products have not been involved to any undesirable effects or serious undesirable effects as defined in the Article 21 of Regulation (EC) No 1223/2009.

Undesirable effects (UEs): "adverse reactions for human health attributable to the normal or reasonably foreseeable use of a cosmetic product."
Serious Undesirable effects (SUEs): "undesirable effects which result in temporary or permanent functional incapacity, disability, hospitalisation, congenital anomalies or an immediate vital risk or death."

I hereby confirmed that all the above information is complete and accurate and agree to immediately notify in writing of any changes to the above details.

Name: Qin Hao

Position: CEO

Date: Sept 29,2022

Company Address: Building E7, Lugu Yuyuan, No.27, Wenxuan Road, High-Tech Development Zone, Changsha, Hunan, China, 410000

Appendix 6- Fragrance

This formulation does not contain a synthetic fragrance and therefore a fragrance safety evaluation as per IFRA code of practice is not available to this product.

Appendix 7- Heavy Metal Test Report of Cosmetic Product

See below report(s) if available

Test Report Number: GZHH00472057

Applicant: Hunan Sunshine Bio-Tech Co., Ltd
Building E7, Lugu Yuyuan, No.27, Wenxuan Road, High-Tech Development Zone, Changsha, Hunan, China, 410000

Date: Nov 01, 2022

Sample Description:

One (1) style of submitted sample said to be :

Item Name	:	**SQT Anti-Aging Rejuvenation Set.**
Country of Origin	:	China.
Date Sample Received	:	Oct 20, 2022
Testing Period	:	Oct 20, 2022 to Nov 01, 2022

****

Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

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Conclusion:

Tested Sample	Standard	Result
Tested component(s) of submitted sample(s)	The European Cosmetic Regulation (EC) No.1223/2009 Annex I Part A 3, Microbiological control criteria of the cosmetic products.	Pass
	With reference to the Notification of the German Federal Health Office Centre (BGA) up to 1996 on toxic elements analysis for cosmetics	Meet

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Intertek GM Testing Service Zhuhai Co. Ltd.

Maggie Liu
Technical Supervisor
Healthcare and Beauty Products

Intertek GM Testing Service Zhuhai Co. Ltd.
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Test Report Number: GZHH00472057

Tests Conducted

1 Microbiological examination of non-sterile products : Microbial Enumeration Tests and tests for specified microorganisms of submitted sample

With reference to British Pharmacopoeia (2020), Appendix XVI B2 & B1 and European Pharmacopoeia 10.0 Edition, Chapter 2.6.12 & 2.6.13.

Test Item		Result		Limit
		(1)	(2)	
(I)	Total Aerobic Microbial Count (per g)	＜10 CFU#	＜10 CFU#	Category (B): (I) + (II) should be ≤1,000 CFU
(II)	Moulds and Yeasts Count (per g)	＜10 CFU#	＜10 CFU#	
(III)	*Escherichia coli* (per g)	Absence	Absence	Absence
(IV)	*Pseudomonas aeruginosa* (per g)	Absence	Absence	Absence
(V)	*Staphylococcus aureus* (per g)	Absence	Absence	Absence
(VI)	*Candida albicans* (per g)	Absence	Absence	Absence
(VII)	Bile-Tolerant Gram-Negative Bacteria (per g)	Absence	Absence	-
(VIII)	*Salmonella sp.* (per 10g)	Absence	Absence	-
(IX)	*Clostridia sp.* (per g)	Absence	Absence	-

Test Item		Result		Limit
		(3)	(4)	
(I)	Total Aerobic Microbial Count (per g)	＜10 CFU#	＜10 CFU#	Category (B): (I) + (II) should be ≤1,000 CFU
(II)	Moulds and Yeasts Count (per g)	＜10 CFU#	＜10 CFU#	
(III)	*Escherichia coli* (per g)	Absence	Absence	Absence
(IV)	*Pseudomonas aeruginosa* (per g)	Absence	Absence	Absence
(V)	*Staphylococcus aureus* (per g)	Absence	Absence	Absence
(VI)	*Candida albicans* (per g)	Absence	Absence	Absence
(VII)	Bile-Tolerant Gram-Negative Bacteria (per g)	Absence	Absence	-
(VIII)	*Salmonella sp.* (per 10g)	Absence	Absence	-
(IX)	*Clostridia sp.* (per g)	Absence	Absence	-

****

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Test Report Number: GZHH00472057

Tests Conducted

Test component(s):
(1) White cream (4-1)
(2) Yellow liquid (4-2)
(3) Transparent liquid attached to white non-woven cloth (4-3)
(4) White cream (4-4)

Remark :

#	=	No colony was detected at the one-tenth dilution of the sample
CFU	=	Colony Forming Unit
<	=	Less than
≤	=	Less than or equal to

The limit for test item (I) and (II) is with reference to the notes of guidelines on microbiological quality of the finished cosmetic products adopted by Scientific Committee on Consumer Safety (SCCS, 11th Rev., 2021) of the European Commission, Microbiological Quantitative Limits for Category B Cosmetic Products.

Category A: Cosmetic products specifically intended for children under 3 years, eye area and mucous membranes.
Category B: Other cosmetic products.

Sample received condition: sample (1)、(2)、(4) in closed bottle, sample (3) in unopened container.

****

Intertek GM Testing Service Zhuhai Co. Ltd.
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Test Report Number: GZHH00472057

Tests Conducted

2 Toxic Element Analysis (Cosmetics)

Acid digestion for Antimony (Sb), Arsenic (As), Cadmium (Cd), Lead (Pb) and Mercury (Hg) and perspiration simulant extraction for Soluble Nickel (Ni), follow by Inductively Coupled Plasma Mass Spectrometry analysis.

Element	Result (ppm) Test component(s)				Reporting Limit (ppm)	Limit# (ppm)
	(1)	(2)	(3)	(4)		
Total Antimony (Sb)	ND	ND	ND	ND	0.1	10
Total Arsenic (As)	ND	ND	ND	ND	0.1	5
Total Cadmium (Cd)	ND	ND	ND	ND	0.1	5
Total Lead (Pb)	ND	ND	ND	ND	0.1	20
Total Mercury (Hg)	ND	ND	ND	ND	0.1	1
Soluble Nickel (Ni)	ND	ND	ND	ND	0.1	10

Test component(s):
(1) White cream (4-1)
(2) Yellow liquid (4-2)
(3) Transparent liquid attached to white non-woven cloth (4-3)
(4) White cream (4-4)

Remark :
ppm = parts per million = mg/kg
# = The limit is with reference to the Notification of the German Federal Health Office (BGA), Pg 28, No. 7, July 1985 and No. 7/1992 and No. 4/1996 for cosmetics
ND = Not detected (less than reporting limit)

****

End of report

Intertek GM Testing Service Zhuhai Co. Ltd.
珠海天祥粤澳质量技术服务有限公司

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Appendix 8- Human Volunteers Studies

1. Human volunteers study for the cosmetic product

No existing studies from human volunteers for finish product were provided

2. Human volunteers study for raw material

No existing studies from human volunteers for raw material(s) were provided

Appendix 9- Assessor's credentials

Leshuai Zhang, Toxicologist, Intertek China
Professor, PhD, DABT, ERT, UKRT

Education

Ph. D., Comparative Biomedical Sciences **Aug 2005 – May 2010**
Center for Chemical Toxicology Research and Pharmacokinetics, College of Veterinary Medicine, North Carolina State University, Raleigh, North Carolina, USA

M. S., Molecular Biology **Sept 2002 – June 2005**
Department of applied Biology, East China University of Science and Technology &
Institute of Biochemistry and Cell Biology, Shanghai Institutes for Biological Sciences, Chinese Academy of Science, Shanghai, China

B. S., Biochemistry **Sept 1998 – June 2002**
Department of applied Biology, East China University of Science and Technology

Certificate

ERT, Europe Registered Toxicologist **Aug 2018**

UKRT, UK Registered Toxicologist **Aug 2018**

DABT, Diplomate of American Board of Toxicology **Oct 2015**

Career Experience

Mar 2021 – Present, Toxicologist, Intertek China

February 2014 – Present, Professor in School of Radiation Medicine and Protection (SRMP), Soochow University, Suzhou, Jiangsu Province, China

Research Interests: Polysaccharides from traditional medical herbs and tumor immunotherapy; Bismuth compounds and nephrotoxicity; Hepatotoxicity and phospholipidosis by liver spheroids (3D cell culture); Microcontact printing technology and cell backpack based drug delivery system

November 2012 – January 2014, Research Assistant Professor in the Nanotechnology Innovation Center of Kansas State University.

Research Interests:Food safety (toxicity) on primary hepatocytes; Nanocorona and Nanotoxicology studies

June 2010 – June 2012, Research Fellow in the Division for Drug Safety Research, Center for Drug Evaluation and Research, Food and Drug Administration, supported by the Oak Ridge Institute of Science and Education Fellowship Program. Under the supervision of Dr. Rodney Rouse and Dr.Thomas Colatsky.

Research Description: Drug induced pancreatitis in vivo, biomarker evaluation and toxicity mechanisms; Nanoparticle toxicity prediction in vitro; Calcium signaling in drug induced cardiovascular injury

Aug 2005 – June 2010, Graduate Research Assistant, Center for Chemical Toxicology Research and Pharmacokinetics, Department of Clinical Sciences, College of Veterinary Medicine, North Carolina State University, Raleigh, North Carolina. Under the supervision of Nancy A. Monteiro-Riviere.

Research Description: Quantum dot nanoparticle penetration and absorption in skin; Cytotoxicity of nanoparticles via MTT/Cell Titer Blue/Cell Titer 96AQ/LDH assays, live/dead fluorescence markers and apoptosis/necrosis markers, inflammatory factors release and reactive oxygen species (ROS); Nanoparticle cellular uptake and mechanisms by human epidermal keratinocytes, dendritic cells and mesenchymal stem cell derived adipose cells

Publications Citation > 1500

1. Wang Q, Zhang QH, Wen HR, Guo HX, **Zhang L***, Ma SC*. [Study on potential hepatotoxicity of main monomers of Polygonum multiflorum based on liver micro-tissue]. Zhongguo Zhong Yao Za Zhi. 2020 Jun;45(12):2954-2959.
2. Zhang X, Jiang T, Chen D, Wang Q*, **Zhang L***. Three-dimensional liver models: state of the art and their application for hepatotoxicity evaluation. Crit Rev Toxicol. 2020 Apr;50(4):279-309.
3. Pang G, Chen C, Liu Y, Jiang T, Yu H, Wu Y, Wang Y, Wang FJ*, Liu Z*, **Zhang L***. Bioactive Polysaccharide Nanoparticles Improve Radiation-Induced Abscopal Effect through Manipulation of Dendritic Cells. ACS Appl Mater Interfaces. 2019 Nov 13;11(45):42661-42670.
4. Wang J, Chen XY, Zhao Y, Yang Y, Wang W, Wu C, Yang B, Zhang Z, **Zhang L**, Liu Y, Du X, Li W, Qiu L, Jiang P, Mou XZ, Li YQ. pH-Switchable Antimicrobial Nanofiber Networks of Hydrogel Eradicate Biofilm and Rescue Stalled Healing in Chronic Wounds. ACS Nano. 2019 Oct 22;13(10):11686-11697.
5. Yu H, Yang Y, Jiang T, Zhang X, Zhao Y, Pang G, Feng Y, Zhang S, Wang F, Wang Y, Wang Y*, **Zhang L***. Effective Radiotherapy in Tumor Assisted by Ganoderma lucidum Polysaccharide-Conjugated Bismuth Sulfide Nanoparticles through Radiosensitization and Dendritic Cell Activation. ACS Appl Mater Interfaces. 2019 Aug 7;11(31):27536-27547.
6. Cao Y, Huang H, Chen L, Du H, Cui J, **Zhang L***, Lee B, Cao Q*. 2019. Enhanced Lysosomal Escape of pH-Responsive PEI-Betaine Functionalized Carbon Nanotube for the Co-delivery of Survivin siRNA and Doxorubicin. ACS Applied Materials & Interfaces 11(10):9763-9776.
7. Pang G, Zhang S, Yu H, Wu Y, Jiang T, Wang F*, Wang Y*, **Zhang L***. 2019. Immunoactive Astragalus Polysaccharide Functionalized Gold Nanocomposites Promote Dendritic Cell Stimulation and Anti-tumor Effect with Elicited Memory T-cell Responses. Nanomedicine 14(10):1291-1306.
8. Zhang S, Pang G, Chen C, Qin J, Yu H, Liu Y, Zhang X, Song G, Zhao J, Wang F*, Wang Y*, **Zhang L***. 2019. Effective Cancer Immunotherapy by Ganoderma Lucidum Polysaccharide-Gold Nanocomposites through Dendritic Cell Activation and Memory T cell Response. Carbohydrate Polymer 205:192-202.
9. Yan R, Chen J, Wang J, Rao J, Du X, Liu Y, **Zhang L**, Qiu L, Liu B, Zhao YD, Jiang P, Chen C, Li YQ. 2018. A NanoFlare-Based Strategy for In Situ Tumor Margin Demarcation and Neoadjuvant Gene/Photothermal Therapy. Small. e1802745.
10. **Zhang L***, Monteiro-Riviere NA Toxicity Assessment of Six Titanium Dioxide Nanoparticles in Human Epidermal Keratinocytes. 2018. Cutaneous and Ocular Toxicology. 2018 Sep 28:1-29. doi: 10.1080/15569527.2018.1527848.
11. Song ZT, **Zhang L**, Fan LQ, Kong JW, Mao JH, Zhao J, Wang FJ. 2018. Enhanced anticancer effect of MAP30-S3 by cyclosproin A through endosomal escape. Anti-cancer Drugs 29(8):736-747.
12. Pan G, Wang F*, **Zhang L***. 2018. Direct Killing or Immunoregulatory Effects of Natural Polysaccharides in Cancer Treatment. Carbohydrate Polymer 195: 243–256.
13. Liu Y, Yu H, Zhang X, Wang Y, Zhao J, Shi H, Li R, Wang Y*, **Zhang L***. 2018. The Protective Role of Autophagy in Nephrotoxicity Induced by Bismuth Nanoparticles Through AMPK/mTOR Pathway. Nanotoxicology 6:1-16.
14. Zhang X, Yang L, Liu Y, Song Z, Zhao J, Chen D, Yu Huan, Li R, Wang Y, Yang K, Chen Y, Xia M, **Zhang L***. 2018. Detection of Nanocarrier Potentiation on Drug Induced Phospholipidosis in Cultured Cells and Primary Hepatocyte Spheroids by High Content Imaging and Analysis. Toxicology and Applied Pharmacology 348: 54–66.
15. Chen D, Yang L, Chen X, Zhang X, Liu Y, Guo Z*, **Zhang L***. 2018. Automated contour analysis of multi-cellular spheroids spreading through high content imaging. Physical Biology 24: 15:026006

16. Liu Y, Shen C, Zhang X, Yu H, Wang F, Wang Y*, **Zhang L***. 2018. Exposure and Nephrotoxicity Concern of Bismuth with the Occurrence of Autophagy. Toxicology and Industrial Health 34:188–199

17. Yue C, Ji C, Zhang H, **Zhang L**, Tong J, Jiang Y, Chen T*. 2017. Protective effects of folic acid on PM2.5-induced cardiac developmental toxicity in zebrafish embryos by targeting AhR and Wnt/β-catenin signal pathways. Environmental Toxicology. 32:2316-2322.

18. Pei W, Tao L, **Zhang L**, Zhang S, Cao J, Jiao Y, Tong J* and Nie J*. 2017. Circular RNA profiles in mouse lung tissue induced by radon. Environmental Health and Preventive Medicine 22:36.

19. Li J, He X, Zou Y, Chen D, Yang L, Rao J, Chen H, Chan M CW, Guo Z*, **Zhang L***, Chen C. 2017. Mitochondria-Targeted Platinum(II) Complex: Dual Inhibitory Activities on Tumor Cell Proliferation and Migration/Invasion via Intracellular Trafficking of β-catenin. Metallomics 9:726-733.

20. Liu Y, Zhuang J, Zhang X, Le C, Zhu N, Yang L, Wang Y, Chen T, Wang Y*, **Zhang L*** 2017. Autophagy Associated Cytotoxicity and Cellular Uptake Mechanisms of Bismuth Nanoparticles in Human Kidney Cells. Toxicology Letters 275: 39-48.

21. Chen D, Monteiro-Riviere NA, **Zhang L***. 2017. Intracellular imaging of quantum dots, gold, and iron oxide nanoparticles with associated endocytic pathways. WIREs Nanomedicine and Nanobiotechnology 9(2).

22. Yang L, Zhong X, Li Q, Zhang X, Wang Y, Yang K, **Zhang L***. 2017. From the Cover: Potentiation of Drug-Induced Phospholipidosis In Vitro through PEGlyated Graphene Oxide as the Nanocarrier. Toxicological Sciences 156:39–53.

23. Wang Y, Liu Y, Wu Y, Shen J, Lv L, Li L, Yang L, Zeng J, Wang Y, **Zhang L***, Li Z*, Gao M*, Chai Z. 2016. BSA-Mediated Synthesis of Bismuth Sulfide Nanotheranostic Agents for Tumor Multimodal Imaging and Thermoradiotherapy. Advanced Functional Materials 26: 5335–5344.

24. Zhu N, Lv X, Wang Y, Li J, Liu Y, Lu W, Yang L, Zhao J, Wang F, **Zhang L***. 2016. Comparison of immunoregulatory effects of polysaccharides from three natural herbs and cellular uptake in dendritic cells. International Journal of Biological Macromolecules 93:940–951.

25. Wang Y*, Zhu L, Wang Y, Li L, Lu Y, Shen L*, **Zhang L***. 2016. Ultrasensitive GSH-Responsive Ditelluride-Containing Poly(ether-urethane) Nanoparticles for Controlled Drug Release. ACS Applied Materials & Interfaces 8: 35106–35113

26. Lv X, Chen D, Yang L, Zhu N, Li J, Zhao J, Hu Z, Wang F*, **Zhang L***. 2016. Comparative Studies on the Immunoregulatory Effects of Three Polysaccharides Using High Content Imaging System. International Journal of Biological Macromolecules 86:28–42.

27. Xin L, Wang J, **Zhang L**, Che B, Dong G, Fan G, Cheng K. 2016. Development of HSPA1A promoter-driven luciferase reporter gene assays in human cells for assessing the oxidative damage induced by silver nanoparticles. Toxicology and Applied Pharmacology 304:9–17.

28. **Zhang L**, Koci J, Brett J, Riviere JE, Monteiro-Riviere NA. 2015. Safety Assessment of Potential Food Ingredients in Canine Hepatocytes. Food and Chemical Toxicology 78:105–15.

29. Rouse RL, **Zhang L**, Shea K, Zhou H, Xu L, Sharron S, Rosenzweig B, Zhang J. 2014. Extended Exenatide Administration Enhances Lipid Metabolism and Exacerbates Pancreatic Injury in Mice on a High Fat, High Carbohydrate Diet. PLOS ONE. 9(10):e109477

30. Tobin GA, Zhang J, Goodwin D, Stewart S, Xu L, Knapton A, González C, Bancos S, **Zhang L**, Lawton MP, Enerson BE, Weaver JL. 2014. The role of eNOS phosphorylation in causing drug-induced vascular injury. Toxicologic Pathology 42(4):709–24.

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39. Monteiro-Riviere NA, Inman Al, **Zhang L.** 2009. Limitations and relative utility of screening assays to assess nanoparticle toxicity in a human cell line. *Toxicology and Applied Pharmacology* 234: 222–235.

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41. **Zhang L**, Yu WW, Colvin VL, Monteiro-Riviere NA. 2008. Biological interactions of quantum dot nanoparticles in skin and in human epidermal keratinocytes. *Toxicology and Applied Pharmacology* 228:200–211.

42. **Zhang L**, Zeng L, Barron AR, Monteiro-Riviere NA. 2007. Biological interactions of functionalized single-wall carbon nanotubes in human epidermal keratinocytes. *International Journal of Toxicology* 26:103–113.

43. 李菁玲,曹建平,陈春英,郭正清,**张乐帅**. 新型铂配合物 Mor-platin 导致细胞凋亡及抑制细胞迁移. 科学通报, 2017, 62(4), 270–278.

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45. 吕小成, **张乐帅,**王富军. 中药多糖的免疫调节作用及研究进展. 上海中医药大学学报, 2016, (03): 97-101.

46. **张乐帅,**赵健.MST1 的酵母双杂交及与 Salvador 体外结合的研究[J].华东理工大学学报（自然科学版）,2006,32(4):407–410.

Book and Chapters

Zhang L, Chen D. 2017. Chapter 7. Cellular uptake mechanisms of nanoparticles for biomedical imaging. In Shi D, Zhang B (eds.): Nano Imaging: From Fundamental Principles to Translational Medical Applications. The World Scientific Encyclopedia of Nanomedicine and Bioengineering I. World Scientific., pp. 241-272.

Zhang L，Z Xuan, Xing T：Experimental Techniques for Radiation Nanomedicine and Nanotoxicology, 2016. ISBN 978-7-5605-9318-0.

Monteiro-Riviere NA, **Zhang LW**. 2008. Assessment of quantum dot penetration into skin in different species under different mechanical actions. In Linkov I, Steevens J (eds.): Nanomaterials: Risks and Benefits. Springer, Dordrecht, Netherlands, pp. 41-52.

Journal Reviewers

Journal Name	IF	Review #
Biomaterials	10.3	2
ACS Applied Materials & Interfaces	8.5	9
Nanoscale	7	3
Particle and Fibre Toxicology	6.6	2
Wiley Interdisciplinary Reviews-Nanomedicine and Nanobiotechnology	6.1	8
Carbohydrate Polymer	6	4
Nanotoxicology	6	1
Biomacromolecules	5.7	1
Nanomedicine-Nanotechnology Biology and Medicine	5.6	8
Science of the Total Environment	5.6	1
International Journal of Biological Macromolecules	4.8	7
ACS Biomaterials Science & Engineering	4.5	1
International Journal of Nanomedicine	4.5	23
Scientific Reports	4	3
Toxicological Sciences	3.6	2
Metallomics	3.6	1
Toxicology	3.5	6
Toxicology letters	3.5	22
Cellular Immunology	3.3	3
Toxicology in vitro	3.1	31
Journal of Applied Toxicology	3.1	1
Archives of Pharmacal Research	2.5	1
Cancer Management and Research	2.2	1
Frontiers in Veterinary Science	2	1
IET Nanobiotechnology	1.9	1
Toxicology and Industrial Health	1.6	20
Toxicologic Pathology	1.4	3
Animal Biotechnology	1.3	1
International Journal of Toxicology	1.2	16
Journal of Nanoscience and Nanotechnology	1.1	1
Cutaneous and Ocular Toxicology	1.1	2
Nanoimpact		3
Nanotoday		2
Nanoscale Advances		1
Applied In Vitro Toxicology		1
Theranostics		1
Total		**195**

Funding Support

1. Hepatotoxicity of copper sulfide nanoparticles. 31971319, 2020/01-2023/12
2. Bismuth nanomaterials and nephrotoxicity, 31771104，National Natural Science Foundation of China，2018/01-2021/12
3. Influence of Graphene oxide Derivatives on phospholipidosis, 81401511，National Natural Science Foundation of China，2015/01- 2017/12

4. Immunoregulatory function on herbal polysaccharide on dendritic cells, 81373950，National Natural Science Foundation of China，2014/01 - 2017/12

Awards and Scholarships

1. Outstanding young scholars awarded by Chinese Society of Toxicology (2020)
2. Battelle Memorial Research Award of the Dermal Toxicology Specialty Section at the 48th Annual Meeting of the National Society of Toxicology (SOT), Baltimore, MD, 2009. Research Proposal “Inhibition of multi-walled carbon nanotubes in human epidermal keratinocytes by lectin or niacinamide”, $2500.
3. First place award for the MB Research Award, at the 47th Annual Meeting of the National Society of Toxicology (SOT), Seattle, Washington, 2008.
4. Third place for best poster at the In Vitro and Alternative Methods Specialty Section at the 47th Annual Meeting of the National Society of Toxicology (SOT), Seattle, Washington, 2008.
5. Toxicology and Applied Pharmacology, Certificate of Recognition for one of Elsevier’s Top 10 Cited Articles on Scopus 2007-2008.

Professional Associations and Activities

2021 – Present Associate Editor, Journal of Nanobiotechnology

2016 – Present Officer, Nanotoxicology Specialty Section, Chinese Society of Toxicology

2012 – Present Associate Editor, Toxicology and Industrial Health

2012 – 2015 Education Committee Officer, US Society of Toxicology

2011 – 2012 Officer, Nanotoxicology Specialty Section, US Society of Toxicology

2009 – Present Full membership, Sigma Xi Scientific Research Society

2006 – Present Membership in US Society of Toxicology

Teaching and Training Experiences

2016.9 – Present, specialized optional course for overseas undergraduates “ Skin Toxicology and Chemicals”

2017.9 – Present, General Course “Photography – Remarkableness from ordinary lives”

EUROTOX

This is to Certify that

LESHUAI ZHANG

may use the title

ERT

EUROPEAN REGISTERED TOXICOLOGIST

whilst registered with the

UK

Register of Toxicology

Signature

June 26, 2018

Date

EUROTOX

Basle, SWITZERLAND

bts
THE BRITISH TOXICOLOGY SOCIETY

Royal Society of Biology

This is to certify that

Leshuai Zhang

has been registered with the

UK Register of Toxicologists

and is bound by the codes of conduct of the

Royal Society of Biology
and
British Toxicology Society

for the period

21st May 2018 to 20th May 2023

Dr Lesley Stanley, ERT
(Panel Chair)

Incorporated by Royal Charter
Registered Charity No: 277981

The American Board of Toxicology

hereby declares that

Leshuai Zhang

having fulfilled all the Board's requirements is

Certified in General Toxicology

October 29, 2015

president

corporate secretary

AMERICAN BOARD OF TOXICOLOGY, INC.

August 2019

Dr. Leshuai Zhang
Guoliyuan Xincun 76-202
Nantong, 226001
China

Dear Dr. Zhang:

This letter is to inform you of the status of your recertification application.

Your application is in order and you passed the Literature Review assessment. Therefore, nothing further is required. In December of 2020 (**NOT 2019)** you will receive a letter and sticker affirming your recertification for five years.

Please note, Diplomates are strongly encouraged to record activities related to recertification on an ongoing basis via the ABT website.

If you have any questions, please contact the ABT office.

Sincerely,

Susie Masten
Executive Director

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