

## Test Report

Number: GZHH00323449

Applicant: ShangHai Aobjia Trading Co., Ltd.  
No.2623, Five Towns, Tianyu99 Huiquan North Road,  
Jinjiang District, Chengdu, Sichuan

Date: Jun 21, 2019

Attn: Fannie Zhang

### Sample Description:

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

Item Name : **Legend Age Lipstick.**

Date Sample Received : May 13, 2019



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### Tests conducted:

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

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### Conclusion:

<u>Tested samples</u>	<u>Standard</u>	<u>Result</u>
Tested component of submitted sample	With reference to the Notification of the German Federal Health Office Centre up to 1996 on Toxic elements analysis for cosmetics	Meet
	British Pharmacopoeia 2017, appendix XVI C, efficacy of antimicrobial preservation and the European Pharmacopoeia, 9.0 edition, Chapter 5.1.3 Efficacy of antimicrobial preservation.	Pass
	EU REACH Regulation No 1907/2006 Article 33(1) Obligation to provide information of safe use (see REACH requirement in report for details)	Meet requirement
	94/62/EC and amendment 2004/12/EC & 2005/20/EC & 2013/2/EU & (EU) 2015/720 Directive (packaging waste) on toxic elements test	Pass
	the European Cosmetic Regulation (EC) No.1223/2009 Annex I PartA 3,, Microbiological control criteria of the cosmetic products.	Pass

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Intertek GM Testing Services Zhuhai Co. Ltd.

  
Authorized by: Harriet Zhong  
Technical Manager



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Tests Conducted

1 Toxic Element Analysis

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)	Reporting Limit (ppm)	Limit# (ppm)
Total Antimony (Sb)	ND	0.1	10
Total Arsenic (As)	ND	0.1	5
Total Cadmium (Cd)	ND	0.1	5
Total Lead (Pb)	ND	0.1	20
Total Mercury (Hg)	ND	0.1	1
Soluble Nickel (Ni)	ND	0.1	10

ppm = Parts per million or milligrams per kilogram  
 # = The limit is with reference to The Notification of the German Federal Health Office Centre, Pg 28, No.7, July 1985 and no.7/1992 and No.4/1996 for Cosmetics.  
 ND = Not detected

Tested Component: Yellow lip balm

Date sample received : May 13, 2019  
 Testing period : May 13, 2019 to May 20, 2019

2 Efficacy of Antimicrobial Preservation

With reference to British Pharmacopoeia, 2017, Appendix XVI C and European Pharmacopoeia, 9.0 edition, Chapter 5.1.3

Test organism	Log reduction (count)		
	7 <sup>th</sup> day	14 <sup>th</sup> day	28 <sup>th</sup> day
Staphylococcus aureus (ATCC NO. 6538)	>5.0	>5.0	>5.0 (N.I.##)
Escherichia coli (ATCC NO. 8739)	>5.0	>5.0	>5.0 (N.I.##)
Pseudomonas aeruginosa (ATCC NO. 9027)	>5.0	>5.0	>5.0 (N.I.##)
Candida albicans (ATCC NO. 10231)	2.1	2.1	2.1(N.I.##)
Aspergillus brasiliensis (ATCC NO. 16404)	2.4	2.5	2.5(N.I.##)

Tested Component: Yellow lip balm

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Criteria B\*:

For oral preparations (miscellaneous category of cosmetic products )

Criteria	Log reduction (count)	
	14 days	28 days
Bacteria	≥ 3 log	(N.I.##)
Yeast And Moulds	≥ 1 log	(N.I.##)

\*Note : According to the standard, a more stringent criteria a is available for pharmaceutical products.

Remark :

- ## = Calculated from the count of 14 days.
- N.I. = No increase. Not more than 0.5 log unit higher than the previous value measured.

Log reduction =  $\text{Log}_{10}$  (initial count/no. of micro-organism recovered)

A surfactant was added to non-aqueous product to improve miscibility and solid product might be heated to 45-50°C to ease mixing and homogeneity.

Sample received condition: Sample in unopened original package

Date sample received: May 13, 2019  
 Testing period: May 13, 2019 to Jun 20, 2019

3 ( I ) SVHC Testing Results

By Inductively Coupled Plasma Optical Emission Spectrometry, Ion Chromatography, UV-Visible Spectrophotometry, Gas Chromatographic - Mass Spectrometry, Liquid Chromatographic / Tandem Mass Spectrometer and High Performance Liquid Chromatography analysis.

Chemical Substance	Results % (w/w)
	Whole product
Tested SVHCs in Chemical list	ND

- SVHC = Substance of very high concern
- ND = Not detected (less than reporting limit)
- Reporting limit = 0.050%

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Notes:

Substances of very high concern (SVHC) are classified as:  
 Carcinogenic, mutagenic or toxic to reproduction category 1 (proven on humans) and category 2 (proven on animals)  
 Persistent, bioaccumulative and toxic chemicals (PBT)  
 Very persistent and very bioaccumulative chemicals (vPvB)  
 Other similar substances such as endocrine disrupters  
 If the imported or manufactured volume of each individual SVHC in article is more than 0.1% (w/w) and if it exceeds 1 tonne per year across all product ranges, then importer or manufacturer require notification to the European Chemical Agency (ECHA). For substances included in the Candidate List on or after 1 December 2010, the notifications have to be submitted no later than 6 months after the inclusion. The following information has to be submitted for notification:  
 Identification of the registrant and the substance  
 Classification and labelling of the substance  
 Description of use of the substance and the article  
 Registration number, if available  
 Tonnage range

As per article 33(1) of regulation (EC) No. 1907/2006 (REACH), recipients of product must be provided with information of safe use if any of the tested substances (SVHC) exceeded 0.1% (w/w). A product meets the requirement of article 33(1) by default when no SVHC exceeds 0.1% (w/w).

Date sample received: May 13, 2019  
 Testing period: May 13, 2019 to May 17, 2019

4 Toxic Elements Analysis

As per 94/62/EC and amendment 2004/12/EC & 2005/20/EC & 2013/2/EU & (EU) 2015/720 Directive on packaging and packaging waste, Hexavalent Chromium was used alkaline digestion method and determined by UV-Visible Spectrophotometry; Lead, Cadmium and Mercury was used acid digestion method and determined by Inductively Coupled Argon Plasma Spectrometry.

Element	Result (ppm)	Reporting limit (ppm)	Limit (ppm)
	(1)		
Lead (Pb)	8	5	--
Cadmium (Cd)	ND	5	--
Mercury (Hg)	ND	5	--
Chromium VI (Cr (VI))	ND	1	--
Sum of Pb, Cd, Hg and Cr (VI)	8-19	--	100

Element	Result (ppm) $\theta$	Reporting limit (ppm)	Limit (ppm)
	Tested component		
	(2)-(5)		
Lead (Pb)	ND	5	--
Cadmium (Cd)	ND	5	--
Mercury (Hg)	ND	5	--
Chromium VI (Cr (VI))	ND	1	--
Sum of Pb, Cd, Hg and Cr (VI)	ND	--	100

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## Test Report

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### Tests Conducted

ppm = part per million = mg/kg  
ND = Not detected (less than reporting limit)  
θ = Single result for each test component/group

#### Tested components:

- (1) Black metal film
- (2) White plastic (inner pole)
- (3) White plastic (inner tunnel tube)
- (4) White plastic (outer tunnel tube)
- (5) White plastic (inner cap)

Date sample received: May 13, 2019  
Testing period: May 13, 2019 to May 20, 2019

### 5 Microbiological examination of non-sterile products : Microbial Enumeration Tests and tests for specified microorganisms

With reference to British Pharmacopoeia (2017), Appendix XVI B2 & B1 and European Pharmacopoeia 9.0 Edition, Chapter 2.6.12 & 2.6.13.

<u>Test Item</u>	<u>Result</u>	<u>Limit</u>
(I) Total Aerobic Microbial Count (per g)	<10 CFU#	Category ( A ): (I) + (II) should be
(II) Moulds and Yeasts Count (per g)	<10 CFU#	≤100 CFU
(III) Bile-Tolerant Gram-Negative Bacteria (per g)	Absent	Absent
(IV) Escherichia coli (per g)	Absent	Absent
(V) Salmonella sp. (per 10g)	Absent	Absent
(VI) Pseudomonas aeruginosa (per g)	Absent	Absent
(VII) Staphylococcus aureus (per g)	Absent	Absent
(VIII) Clostridia sp.(per g)	Absent	Absent
(IX) Candida albicans(per g)	Absent	Absent

Tested Components: Yellow lip balm

#### Remark :

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

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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, 8<sup>th</sup> Rev., 2012) of the European Commission, Microbiological Quantitative Limits for Category A 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 in unopened original package

Date sample received: May 13, 2019

Testing period: May 13, 2019 to May 21, 2019

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End of report

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