

LAB LOCATION: Dong Guan **ISSUE DATE:** May 18, 2022
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Applicant : Miumy
Contact Person : Sessi Hougbe
Sample Description : Silicone baby tableware and bottles
Style Number : /
Purchase Order Number : /
Buyer : /
Manufacture : /
Country of Origin : CHINA
Country of Destination : FRANCE
Quantity : /
Color or/with Code : /
Fiber Content : /
End Use : /
Care Instruction : /
Date of Submission : May. 13, 2022
Test Performance Dates : May. 09 – May. 18, 2022
**Date of Reconfirmation/
Resubmission** : /

CN 051291 LG/AL

Modern Testing Services (Dongguan) Limited

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Photo of Submitted Sample



For and on behalf of
Modern Testing Services (Dongguan) Limited

Kane Lu

Lu Sheng Quan, Kane
Manager, Softline Division

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TEST RESULT SUMMARY

Test Requested	Results
Total Lead Content – Entry 63 of Annex XVII of European Regulation (EC) No 1907/2006, EU 836/2012 and EU 2015/628 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)	PASS
Total Cadmium Content – Entry 23 of Annex XVII of European Regulation (EC) No 1907/2006, No. 552/2009, No. 494/2011, No. 835/2012 and No. 2016/217 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Former Known as Directive 91/338/EEC)	PASS
Phthalates Content – Entry 51 of Annex XVII of European Regulation (EC) No. 1907/2006, No. 552/2009 and No. 2018/2005 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Former Known as Directive 2005/84/EC)	PASS

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TEST RESULT:

COMPONENT BREAKDOWN LIST:

Test Item	Component Description
A	Silicone baby tableware and bottles (Tableware)
A1	White coating (Logo) (B)
A2	Transparent coating (On hand tool)
A3	Pink silicone (All tableware)
A4	Translucent plastic (Pipe)
B	Silicone baby tableware and bottles (Bottles)
B1	Translucent plastic (Cap)
B2	Translucent plastic (Body / Tool on bottle)
B3	Pink plastic (On body)
B4	Light pink plastic (Gasket)

Total Lead Content – Entry 63 of Annex XVII of European Regulation (EC) No 1907/2006, EU 836/2012 and EU 2015/628 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Test Item	Classification	Total Lead (Pb) (mg/kg)		Conclusion
		Result	Limit	
A1+A2	Paint or similar surface coating	<10	500	PASS
A3+A4+B1	Accessible substrate	<10	500	PASS
B2+B3+B4	Accessible substrate	<10	500	PASS

Method: The sample was digested with acid mixture and analyzed by Atomic Absorption Spectrophotometer / Inductively Coupled Argon Plasma Spectrometer / Inductively Coupled Plasma Mass Spectrometer.

Note: mg/kg = milligram per kilogram
 “<” = less than

Total Cadmium Content – Entry 23 of Annex XVII of European Regulation (EC) No 1907/2006, No. 552/2009, No. 494/2011, No. 835/2012 and No. 2016/217 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Former Known as Directive 91/338/EEC)

Test Item	Classification	Total Cadmium (Cd) (mg/kg)		Conclusion
		Result	Limit	
A1+A2	Paint on painted articles	<10	1000	PASS
A3+A4+B1	Plastics	<10	100	PASS
B2+B3+B4	Plastics	<10	100	PASS

Method: Plastic - EN 1122: 2001, Method B
 Paint / Metal - Sample was digested with acid
 The Cadmium content was analyzed Atomic Absorption Spectrophotometer / Inductively Coupled Argon Plasma Spectrometer / Inductively Coupled Plasma Mass Spectrometer.

Note: mg/kg = milligram per kilogram
 “<” = less than

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Phthalates Content – Entry 51 of Annex XVII of European Regulation (EC) No. 1907/2006, No. 552/2009 and No. 2018/2005 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (Former Known as Directive 2005/84/EC)

Test Item	Result (%) (Remark)					Conclusion
	DBP	BBP	DEHP	DIBP	Total	
A1+A2	<0.005	<0.005	<0.005	<0.005	<0.020	PASS
A3+A4+B1	<0.005	<0.005	<0.005	<0.005	<0.020	PASS
B2+B3+B4	<0.005	<0.005	<0.005	<0.005	<0.020	PASS
Limit	-	-	-	-	0.1	-

List of Phthalates:

Chemical Name	CAS No.	Chemical Name	CAS No.
Dibutyl phthalate (DBP)	84-74-2	Di-2-ethylhexyl phthalate (DEHP)	117-81-7
Butyl benzyl phthalate (BBP)	85-68-7	**Di-iso-butyl phthalate (DIBP)	84-69-5

Method: 1) For plasticized or softened material on textile:
 With reference to ISO 14389:2014.
 2) For other polymeric material:
 With reference to EN 14372:2004 Section 6.3.2.

Note: % = percentage
 "<" = less than
 ">" = more than

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NOTE:

Test uncertainties not reported are at client's disposal, for those in which it is possible to evaluate or estimate the test uncertainty. The statement of conformity is based on a 95% coverage probability for the expanded uncertainty of the measured result (guard band):

Rule 1:

For any requirement state to be "Maximum"

PASS - The measured result is below a specification limit minus guard band.

INCONCLUSIVE - The measured result is inside the guard band and below the specification limit and the measured result is above the specification limit but below the specification limit added to the guard band.

FAIL - The measured result is above a specification limit added to the guard band.

DATA - There is no specification limit required which is not possible to state the conformity.

Rule 2:

For any requirement state to be "Minimum"

PASS - The measured result is above a specification limit plus guard band.

INCONCLUSIVE - The measured result is inside the guard band and above the specification limit and the measured result is below the specification limit but above the specification limit added to the guard band.

FAIL - The measured result is below a specification limit minus guard band.

DATA - There is no specification limit required which is not possible to state the conformity.

Rule 3:

For any requirement state to be "a range (Between Upper to Lower specification limit)"

PASS - The measured result is within a range of upper and lower acceptance limit.

INCONCLUSIVE - The measured result is inside the guard band at either side of specification limits

FAIL - The measured result is outside a specification limit minus/added to the guard band.

DATA - There is no specification limit required which is not possible to state the conformity.

Rule 4:

For any test based on subjective grading of results by using 9-point scale

PASS - The measured result is above specification limit.

FAIL - The measured result is below a specification limit.

DATA - There is no specification limit required which is not possible to state the conformity.

If there is question or concern regarding the above results, please contact the appropriate lab person below:

General question & concern: Sophia
Customer Service Coordinator
(86)769 8112 0818 Ext.802
cs07@mts-china.com

Technical question & concern: Kane Lu
Softline Manager
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