

GUANGDONG HUANGER BABY PRODUCTS CO., LTD.

Technical Report: Date Received: (8820)115-0002(D) Apr 24, 2020

GUANGDONG HUANGER BABY PRODUCTS CO., LTD. JINSHENGFENG BUILDING, LAIMEI ROAD, GANGKOU TOWN, FENGXIANG STREET, CHENGHAI, SHANTOU, GUANGDONG CHINA.

Sample Description:	BABY TOYS
Vendor:	N/A
Manufacturer:	N/A
Labeled Age Grade:	NOT RECORD
Appropriate Age Grade:	NOT REQUESTED
Client Specified Age Grade:	NOT SPECIFIED
Tested Age Grade:	N/A
UPC Code:	N/A
Test Starting Date:	APR 24, 2020

Sample Size: Style No(s): SKN/SKU No.: PO No.: Ref #: Country of Origin: Assortment No.: Test Finished Date: 4 SEE ATTACHMENT NOT PROVIDE NOT PROVIDE NOT PROVIDE NOT PROVIDE NOT PROVIDE APR 29, 2020

EXECUTIVE SUMMARY:

The tested component sample(s) MEETS the following requirement(s):

- (#)- The BBP, DBP, DEHP, and DIBP Content requirements of the European Regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) with its Latest Amendment EU 2018/2005, Entry 51.
- (#)- The DNOP, DINP and DIDP content requirements of the European Regulation (EC) No. 1907/2006 of the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Annex XVII concerning the Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles, Item no. 52.
- The phthalates content requirement of the client's specification.

To be continued



BUREAU VERITAS SHENZHEN CO., LTD DONGGUAN BRANCH

Harvey Xue Manager, Analytical Lab

RT/Tina Ye <u>REMARK</u>

If there are questions or concerns on this report, please contact the following persons:ReportEnquiry:(86) 0769 89952999 Ext. 8175CPSAnalytical.DG@bureauveritas.comBusiness Contact:(86) 0769 85893595This report shall not be reproduced except in full, without the written approval of our laboratory.

Bureau Veritas Shenzhen Co., Ltd., Dongguan Branch No.96, Houjie, Guantai Road., Houjie, Dongguan,Guangdong, China Tel: +86-769-89982098 Fax: +86-769-85991080 www.bureauveritas.com/cps This report is governed by, and incorporates by reference, CPS Conditions of Service as posted at the date of issuance of this report at http://www.bureauveritas.com/home/about-us/our-business/cps/about-us/terms-conditions/and is intended for your exclusive use. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission. This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Our report includes all of the tests requested by you and the results thereof based upon the information that you provided to us. Measurement uncertainty is only provided upon request for accredited tests. You have 60 days from date of issuance of this report to notify us of any material error or mission caused by our negligence or if you require measurement uncertainty; provided, however, that such notice shall be in writing and shall specifically adcress the issue you wish to raise. A failure to raise such issue within the prescribed time shall constitute you unqualified acceptance of the completeness of the tests conducted and the correctness of the report contents.

Oct 13, 2020 Page 1 of 14



GUANGDONG HUANGER BABY PRODUCTS CO.,LTD. Technical Report: (8820)115-0002(D) Oct 13, 2020 Page 2 of 14

EXECUTIVE SUMMARY:

- Note: At the request of client, test(s) was conducted on the certain component(s) of the submitted samples(s) / submitted component(s).
- Note: The composite test sample(s) of the submitted samples was prepared in the manner requested by the client, when subject to the test performed.
- Note: Tests with (#) accredited under CNAS testing standard.

ATTACHMENT:

Style No(s):

HE0501,HE0502,HE0503,HE0504,HE0505,HE0506,HE0507,HE0508,HE0509,HE0510, HE0511,HE0512,HE0513,HE0514,HE0515,HE0516,HE0517,HE0518,HE0519,HE0520,HE0521,HE0522,HE0523, HE0524,HE0525,HE0526,HE0527,HE0528,HE0529,HE0530,HE0531,HE0532,HE0533,HE0534,HE0535,HE0536, HE0537,HE0538,HE0539,HE0540,HE0541,HE0542,HE0543,HE0544,HE0545,HE0546,HE0547,HE0548,HE0549, HE0550,HE0551,HE0552,HE0553,HE0554,HE0555,HE0556,HE0557,HE0558,HE0559,HE0560, 666-1,666-2,666-5,666-6,777-5,77-5A,777-5B,777-5C,HE0701,HE0702,HE0703, HE0704,HE0705,HE0706,HE0707,HE0708,HE0709,HE0710,HE0711,HE0712,HE0713,HE0714,HE0715,HE0716, HE0717,HE0718,HE0719,HE0720,HE8001,HE8002,HE8003,HE8004,HE8005,HE8006,HE8007,HE8008,HE8009, HE8010,HE8011,HE8012,HE8013,HE8014,HE8015,HE8016,HE8017,HE8018,HE8019,HE8020,HE8021,HE8022, HE8023,HE8024,HE8025,HE8026,HE8027,HE8028,HE8029,HE8030,MX001,MX002,MX003, MX004,MX005,MX006,MX007,MX008,MX009,MX010,MX011,MX012,MX013, MX014,MX015,MX016,MX017,MX018,MX019,MX020,MX021,MX022,MX023, MX024,MX025,MX026,MX027,MX028,MX029,MX030, 666-16,666-18,HE0801,HE0802,HE0803,HE0804,HE0805,HE0806,HE0807,HE0808, HE0809.HE0810.HE0811.HE0812.HE0813.HE0814.HE0815.HE0816.HE0817.HE0818.HE0819.HE0820.HE0821. HE0822,HE0823,HE0824,HE0825,HE0826,HE0827,HE0828,HE0829,HE0830,HE0215,HE0216,HE0217,HE0219, HE0220,HE0221,HE0222,HE0226,HE0227,HE0229,HE0230,HE0245,HE0246,HE0247,HE0248,HE0249,HE0250, HE0251,HE0258,HE0260,HE0261,HE0262,HE0263,HE0264,HE0265,HE0266,HE0267,HE0268,HE0269,HE0270, HE0271.HE0272.HE0273.HE0274.HE0275.HE0276.HE0277.HE0278.HE0279.HE0280.HE0281.HE0282.HE0283. HE0284,HE0285,HE0286,HE0287,HE0288,HE0289,HE8027,HE8028,HE8029,HE8030,HE8031,HE8032,HE8033, HE8035,HE8036,HE8037,HE8038,HE8039,HE8040,HE0237,HE0238,HE0239,HE0240,HE0241,HE0242,HE0243, HE0244,HE0252,HE0253,HE0254,HE0299,HE1001,HE1002,HE1003,HE1004,HE1005,HE1006,HE1007,HE1008, HE1009,HE1010,HE1011,HE1012,HE1013,HE1014,HE1015,HE1016,HE1017,HE1018,HE1019,HE1020, 18-162



GUANGDONG HUANGER BABY PRODUCTS CO.,LTD. Technical Report: (8820)115-0002(D) Oct 13, 2020 Page 3 of 14

Tested Component(s) Description List:

Test Item(s)	Item / Component Description(s)	Style(s)	
1001	Orange PVC	Ball	-
1002	Red PVC	Ball	-
1003	Dark green PVC	Ball	-
1004	Green PVC	Ball	-
1005	Beige PVC	Ball	-
1006	Yellow PVC	Ball	-
1007	Pink PVC	Ball	-
1008	Blue PVC	Ball	-
1009	Purple PVC	Ball	-
I010	Sky blue PVC	Ball	-
1051	Purple plastic	Square box	-
1052	Blue plastic	Square box	-
1053	Yellow plastic	Square box	-
1054	Orange plastic	Square box	-
1055	Light blue	Square box	-
1056	Red plastic	Square box	-

Remark:

The results of Item 001-010 were transferred from BV(Dong guan) report No. (8820)114-0075 dated on Apr 27, 2020.



GUANGDONG HUANGER BABY PRODUCTS CO.,LTD. Technical Report: (8820)115-0002(D) Oct 13, 2020 Page 4 of 14

RESULTS:

BBP/DBP/DEHP/DIBP Contents in Toys and Childcare Articles – European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 51

Test Method : With referenced to EN 14372:2004 Section 6.3.2, sample was extracted with organic solvent and then analyzed by Gas Chromatograph Mass Spectrometer

Test Parameter:	BBP	DBP	DEHP	DIBP	SUM	-
Limit (%):		0.1 (Sum of Four phthalates)				
Test Item(s)		Result (%)				
1001+1002+1003	ND	ND	ND	ND	ND	PASS
1004+1005+1006	ND	ND	ND	ND	ND	PASS
1007+1008	ND	ND	ND	ND	ND	PASS
1009+1010	ND	ND	0.018	ND	0.018	PASS
1051+1052+1053	ND	ND	ND	ND	ND	PASS
1054+1055+1056	ND	ND	ND	ND	ND	PASS

Note / key:

BBP = Butyl benzyl phthalate DEHP = Di(2-ethylhexyl) phthalate ND = Not detected mg/kg = milligram(s) per kilogram Detection Limit (%) : Each 0.005 DBP = Dibutyl phthalate DIBP= Diisobutyl phthalate % = percent

10000 mg/kg = 1 %



GUANGDONG HUANGER BABY PRODUCTS CO.,LTD. Technical Report: (8820)115-0002(D) Oct 13, 2020 Page 5 of 14

RESULTS:

DNOP/DINP/DIDP Contents in Toys and Childcare Articles which can be placed in the Mouth by the Children – European Regulation (EC) No. 1907/2006 REACH Annex XVII, Item no. 52

Test Method : With referenced to EN 14372:2004 Section 6.3.2, sample was extracted with organic solvent and then analyzed by Gas Chromatograph Mass Spectrometer

Test Parameter:	DIDP	DINP	DNOP	SUM	-		
Limit (%):		0.1 (Sum of three phthalates)					
Test Item(s)		Result (%)					
1001+1002+1003	ND	ND	ND	ND	PASS		
1004+1005+1006	ND	ND	ND	ND	PASS		
1007+1008	ND	ND	ND	ND	PASS		
1009+1010	ND	ND	ND	ND	PASS		
1051+1052+1053	ND	ND	ND	ND	PASS		
1054+1055+1056	ND	ND	ND	ND	PASS		

Note / key:

DNOP = Di-n-octyl phthalate ND = Not detected mg/kg = milligram(s) per kilogram Detection Limit (%) : Each 0.005 DINP = Di-iso-nonyl phthalate % = percent

DIDP = Di-iso-decyl phthalate 10000 mg/kg = 1 %



GUANGDONG HUANGER BABY PRODUCTS CO.,LTD. Technical Report: (8820)115-0002(D) Oct 13, 2020 Page 6 of 14

RESULTS:

Phthalates Content – Client's Specification

Test Method	:	Sample was extracted with organic solvent and then analyzed by Gas Chromatograph Mass
		Spectrometer.

Test Parameter:	DHEXP	DMEP	DPENP	DCHP	DEP	DPHP	-
Limit (%):	0.1	0.1	0.1	0.1	0.1	0.1	-
Test Item(s)	Result (%)						Conclusion
1001+1002+1003	ND	ND	ND	ND	ND	ND	PASS
1004+1005+1006	ND	ND	ND	ND	ND	ND	PASS
1007+1008	ND	ND	ND	ND	ND	ND	PASS
1009+1010	ND	ND	ND	ND	ND	ND	PASS
1051+1052+1053	ND	ND	ND	ND	ND	ND	PASS
1054+1055+1056	ND	ND	ND	ND	ND	ND	PASS

Note / key:

DHEXP = Di-n-hexyl phthalate DCHP = Dicyclohexyl phthalate ND = Not detected mg/kg = milligram(s) per kilogram Detection Limit (%) : Each 0.005 DPENP = Di-n-pentyl phthalate DEP = Diethyl phthalate % = percent DPHP = di-(2-Propylheptyl)phthalate DMEP = Di-methoxy-ethyl phthalate 10000 mg/kg = 1 %

Remark:

- Client's Specification Phthalates content is not accredited under CNAS testing standard.



GUANGDONG HUANGER BABY PRODUCTS CO.,LTD. Technical Report: (8820)115-0002(D) Oct 13, 2020 Page 7 of 14





GUANGDONG HUANGER BABY PRODUCTS CO.,LTD. Technical Report: (8820)115-0002(D) Oct 13, 2020 Page 8 of 14





GUANGDONG HUANGER BABY PRODUCTS CO.,LTD. Technical Report: (8820)115-0002(D) Oct 13, 2020 Page 9 of 14





GUANGDONG HUANGER BABY PRODUCTS CO.,LTD. Technical Report: (8820)115-0002(D) Oct 13, 2020 Page 10 of 14





GUANGDONG HUANGER BABY PRODUCTS CO.,LTD. Technical Report: **(8820)115-0002(D)** Oct 13, 2020 Page 11 of 14





GUANGDONG HUANGER BABY PRODUCTS CO.,LTD. Technical Report: (8820)115-0002(D) Oct 13, 2020 Page 12 of 14





GUANGDONG HUANGER BABY PRODUCTS CO.,LTD. Technical Report: **(8820)115-0002(D)** Oct 13, 2020 Page 13 of 14





GUANGDONG HUANGER BABY PRODUCTS CO.,LTD. Technical Report: (8820)115-0002(D) Oct 13, 2020 Page 14 of 14

RESULTS:



END OF REPORT