

Client: Lisa Myers
Ceres Chill Co.

Approval Date : June 18, 2021
Date of Receipt : June 10, 2021
Retest : No
of Samples Submitted : 1
Manufacturer's Name : Ceres Chill Co.
Item Description : Blue Thermochromic Nipple Shield
Item Number : NA
Country of Origin : CN
Country of Import : NA
PO Number : NA
Delivery Conditions : Satisfactory, Samples tested as received
Testing Date Range : 06-18-2021 to 06-29-2021

Labeled Age Grade/Size : 0+
Tested Age Grade : 0+
Test Request Form # : TRF21066636

The following test item(s) was/were performed on submitted sample(s) and/or component(s) confirmed by applicant

TEST REQUESTED	RESULT
16 CFR 1500 Physical and Mechanical Hazards	PASS
CalProp 65/CPSIA Phthalate Content by GCMS	PASS
CalProp 65/CPSIA Total Lead Content by HDXRF	PASS

MATERIAL LIST

SAMPLE ID	MATERIAL	COLOR	COMPOSITE	COMPONENT / LOCATION
U106084-01	Non-Metal	Blue	NO	Nipple Shield

TEST RESULTS**16 CFR 1500 Physical and Mechanical Hazards**

Foreseeable Use and Abuse - Products intended for use by children under 96 months of age must not have accessible potentially hazardous sharp points or edges before and after appropriate use and abuse testing. Items with a functional sharp point shall comply with certain labelling requirements provided that the product is intended for children over 48 months of age. Products intended for use by children under 36 months of age must not have accessible potentially hazardous small parts before and after appropriate use and abuse testing.

Testing Parameters of CPSC & ASTM Abuse Testing

	0 - 18 months	18 to 36 months	36 to 96 months
Drop Test	10 times at 4.5 ft	4 times at 3.0 ft	4 times at 3.0 ft
Torque Test	2 in - lbs.	3 in - lbs.	4 in - lbs.
Tension Flexure Test	10 lbs.	15 lbs.	15 lbs.
Compression Test	20 lbs.	25 lbs.	30 lbs.
Bite Test	25 lbs.	50 lbs.	100 lbs.

Mechanical Hazards:

Sample ID.:U106084-01 - Nipple Shield		
Part	Description	Result
16 CFR 1500.48	Requirement for sharp points	PASS
16 CFR 1500.49	Requirement for sharp edges	PASS
16 CFR 1501	Requirement for small parts	PASS

CalProp 65/CPSIA Phthalate Content by GCMS

The product shall comply with the Consumer Product Safety Improvement Act (CPSIA) and CPSC regulation 16 CFR 1307. Childrens toys or child care articles shall not contain more than 0.1% of benzyl butyl phthalate (BBP), dibutyl phthalate (DBP), or di-(2-ethylhexyl) phthalate (DEHP) , diisononyl phthalate (DINP),dissobutyl phthalate (DIBP),dipentyl phthalate (DPENP),di-n-hexyl phthalate (DHEXP) and dicyclohexyl phthalate(DCHP). Additionally, according to Cal Prop 65 settlement, toys and childcare articles may not contain more than 0.1% of each of DBP, BBP, DEHP, DINP, DIDP, and Di-n-hexyl phthalate (DnHP).

Test Method: The sample was extracted with organic solvent and analyzed by GCMS according to CPSC-CH-C1001-09.4.

Sample ID : U106084-01						
Parameter	CAS Number	Result	Unit	RL	Regulatory Limit	Test Result
Butyl benzyl phthalate	85-68-7	ND	%	0.005	0.1	PASS
Dibutyl phthalate	84-74-2	ND	%	0.005	0.1	PASS
Di-(2-ethylhexyl) phthalate	117-81-7	ND	%	0.005	0.1	PASS
Diisodecyl phthalate	26761-40-0	ND	%	0.010	0.1	PASS
Diisononyl phthalate	28553-12-0	ND	%	0.010	0.1	PASS
Di-n-octyl phthalate	117-84-0	ND	%	0.005	0.1	PASS
Di-n-hexyl phthalate	84-75-3	ND	%	0.005	0.1	PASS
Diisobutyl phthalate	84-69-5	ND	%	0.005	0.1	PASS
Diamyl phthalate	131-18-0	ND	%	0.005	0.1	PASS
Dicyclohexyl phthalate	84-61-7	ND	%	0.005	0.1	PASS

Remark:

- 1.) ND: Non-Detectable, <RL
- 2.) RL: Reporting Limit
- 3.) 1 ppm = 1 mg/kg = 0.0001%

CalProp 65/CPSIA Total Lead Content by HDXRF

The product shall comply with the Consumer Product Safety Improvement Act (CPSIA). Substrates of toys and other articles intended for children shall not have total lead content in excess of 0.0100 % (100 ppm).

Test Method: The sample was analyzed by HDXRF according to ASTM F2853-10(2015).

Sample ID : U106084-01						
Parameter	CAS Number	Result	Unit	RL	Regulatory Limit	Test Result
Lead	7439-92-1	ND	mg/kg	5	100	PASS

Remark:

- 1.) ND: Non-Detectable, <RL
- 2.) RL: Reporting Limit
- 3.) 1 ppm = 1 mg/kg = 0.0001%

SAMPLE PHOTO(s)

