

Test Report

Applicant: Taita Chemical Company, Limited
No.5, Industrial 1st Rd.,
Lin-Yuan Dist, Kaohsiung City,
Taiwan, R.O.C.

Number : TWNC00700512

Date : Jun 13, 2018

Sample Description:

One (1) group of submitted sample said to be :
Item Name : Acrylonitrile-Butadiene-Styrene Copolymer(ABS RESIN)
Reference No. : 5000M/50000W
Date Sample Received : Jun 05, 2018
Date Test Started : Jun 06, 2018

Test Conducted:

As requested by the applicant, for details please refer to attached pages.

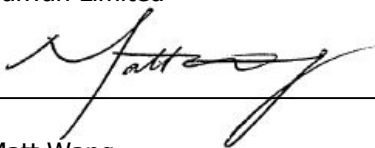
Conclusion:

<u>Tested Sample</u>	<u>Standard</u>	<u>Result</u>
Submitted Sample	Washington Chemicals of High Concern to Children (CHCC) Content (as Contaminant) - As per Reporting Rule (Chapter 173-334 WAC) under Children's Safe Products Act (CSPA) - Chapter 70.240 (RCW)	See Test Conducted

Remark:

As per clause (1)(b) of Washington Administration Code (WAC) 173-334-080 of chapter 173-334 children's safe products -reporting rule, each chemical on the CHCC list that is a contaminant present in a product component must be reported at concentration above 100 ppm. The manufacturer must include the product component in the notice to the Washington state department of Ecology unless the manufacturer had in place a manufacturing control program and exercised due diligence to minimize the presence of the contaminant in the component.

Authorized by:
On Behalf of Intertek Testing Services
Taiwan Limited



Matt Wang
Sr. Manager



Test Conducted :

Washington Chemicals of High Concern to Children (CHCC) Content (as Contaminant)

By Gas Chromatography-Mass Spectrometer (GC-MS), Liquid Chromatography - Tandem Mass Spectrometer (LC-MS-MS), Gas Chromatography-Electron Capture Detector (GC-ECD), Gas Chromatography-Mass Spectrometer linked with Headspace (GC-MS linked with Headspace), High Performance Liquid Chromatography-Photodiode Array Detector (HPLC-DAD) and Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES) analysis.

Chemical	CAS No.	Result (ppm)
		White plastic pellets
Formaldehyde	50-00-0	ND
Aniline	62-53-3	ND
N-Nitrosodimethylamine	62-75-9	ND
Benzene	71-43-2	ND
Vinyl chloride	75-01-4	ND
Acetaldehyde	75-07-0	ND
Methylene chloride	75-09-2	ND
Carbon disulfide	75-15-0	ND
Methyl ethyl ketone	78-93-3	ND
1,1,2,2-Tetrachloroethane	79-34-5	ND
Tetrabromobisphenol A	79-94-7	ND
Bisphenol A	80-05-7	ND
Diethyl phthalate	84-66-2	ND
Di-n-butyl phthalate	84-74-2	ND
Di-n-hexyl phthalate	84-75-3	ND
Butyl benzyl phthalate (BBP)	85-68-7	ND
N-Nitrosodiphenylamine	86-30-6	ND
Hexachlorobutadiene	87-68-3	ND
Propyl paraben	94-13-3	ND
Butyl paraben	94-26-8	ND
2-Aminotoluene	95-53-4	ND
2,4-Diaminotoluene	95-80-7	ND
Methyl paraben	99-76-3	ND
4-Hydroxybenzoic acid	99-96-7	ND
Ethylbenzene	100-41-4	ND
Styrene	100-42-5	1167*
4-Nonylphenol	104-40-5	ND
Nonyl phenol	25154-52-3	ND
4-Nonyl phenol branched	84852-15-3	ND
4-Chloroaniline	106-47-8	ND
Acrylonitrile	107-13-1	ND
Ethylene glycol	107-21-1	ND
Toluene	108-88-3	ND
Phenol	108-95-2	88
2-Methoxyethanol	109-86-4	ND
Ethylene glycol monoethyl ether	110-80-5	ND
Tri(2-chloroethyl) phosphate	115-96-8	ND
Di-(2-ethylhexyl) phthalate	117-81-7	ND



Test Conducted :

Washington Chemicals of High Concern to Children (CHCC) Content (as Contaminant)

Chemical	CAS No.	Result (ppm)
		White plastic pellets
Di-n-octyl phthalate (DnOP)	117-84-0	ND
Hexachlorobenzene	118-74-1	ND
3,3'-Dimethylbenzidine and dyes metabolized to 3,3'-dimethylbenzidine	119-93-7	ND
Ethyl paraben	120-47-8	ND
1,4-Dioxane	123-91-1	ND
Tetrachloroethylene	127-18-4	ND
Benzophenone-2(Bp-2)	131-55-5	ND
4-Octylphenol	140-66-9	ND
Estragole	140-67-0	ND
2-Ethylhexanoic acid	149-57-5	ND
Pentachlorobenzene	608-93-5	ND
C.I. Solvent yellow 14	842-07-9	ND
N-Methylpyrrolidone	872-50-4	ND
Decabromodiphenyl ether;BDE-209	1163-19-5	ND
Perfluorooctane sulphonic acid(PFOS) and its salts	1763-23-1	ND
4-Octylphenol	1806-26-4	ND
2-Ethyl-hexyl-4-methoxycinnamate	5466-77-3	ND
Mercury & mercury compounds including methyl mercury (22967-92-6)	7439-97-6	ND
Antimony & antimony compounds	7440-36-0	ND
Arsenic & arsenic compounds including arsenic trioxide (1327-53-3) & dimethyl arsenic (75-60-5)	7440-38-2	ND
Cadmium & cadmium compounds	7440-43-9	ND
Cobalt & cobalt compounds	7440-48-4	ND
Tris(1,3-dichloro-2-propyl) phosphate (TDCPP)	13674-87-8	ND
Butylated hydroxyanisole; BHA	25013-16-5	ND
Hexabromocyclododecane	25637-99-4	ND
Diisodecyl phthalate (DIDP)	26761-40-0	ND
Diisononyl phthalate (DINP)	28553-12-0	ND
Bisphenol S (BPS)	80-09-1	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	ND
Diisobutyl phthalate (DIBP)	84-69-5	ND
Triphenyl phosphate (TPP)	115-86-6	345*
Di(2-methoxyethyl) phthalate (DMEP)	117-82-8	ND
Tris (2,3-dibromopropyl) phosphate (TDBPP/TRIS)	126-72-7	ND
Tri-n-butyl phosphate (TNBP)	126-73-8	ND
Dipentyl phthalate (DPP)	131-18-0	ND
Perfluorooctanoic acid (PFOA) and related substances	335-67-1	ND
Bisphenol F (BPF)	620-92-8	ND
Ethylhexyl diphenyl phosphate (EHDPP)	1241-94-7	ND
Tricresyl phosphate (TCP)	1330-78-5	ND
Tris (1-chloro-2-propyl) phosphate (TCPP)	13674-84-5	ND
Bis (2-ethylhexyl) tetrabromophthalate (TBPH)	26040-51-7	ND



Test Conducted :

Washington Chemicals of High Concern to Children (CHCC) Content (as Contaminant)

Chemical	CAS No.	Result (ppm)
		White plastic pellets
Bis (chloromethyl)propane-1,3-diyl tetrakis-(2-chloroethyl) bis(phosphate) (V6)	38051-10-4	ND
Isopropylated triphenyl phosphate (IPTPP)	68937-41-7	ND
Decabromodiphenyl ethane (DBDPE)	84852-53-9	ND
Short chain chlorinated paraffins (SCCPs)	85535-84-8	ND
Chlorinated paraffins	108171-26-2	ND
2-Ethylhexyl-2,3,4,5-tetrabromobenzoate (TBB)	183658-27-7	ND

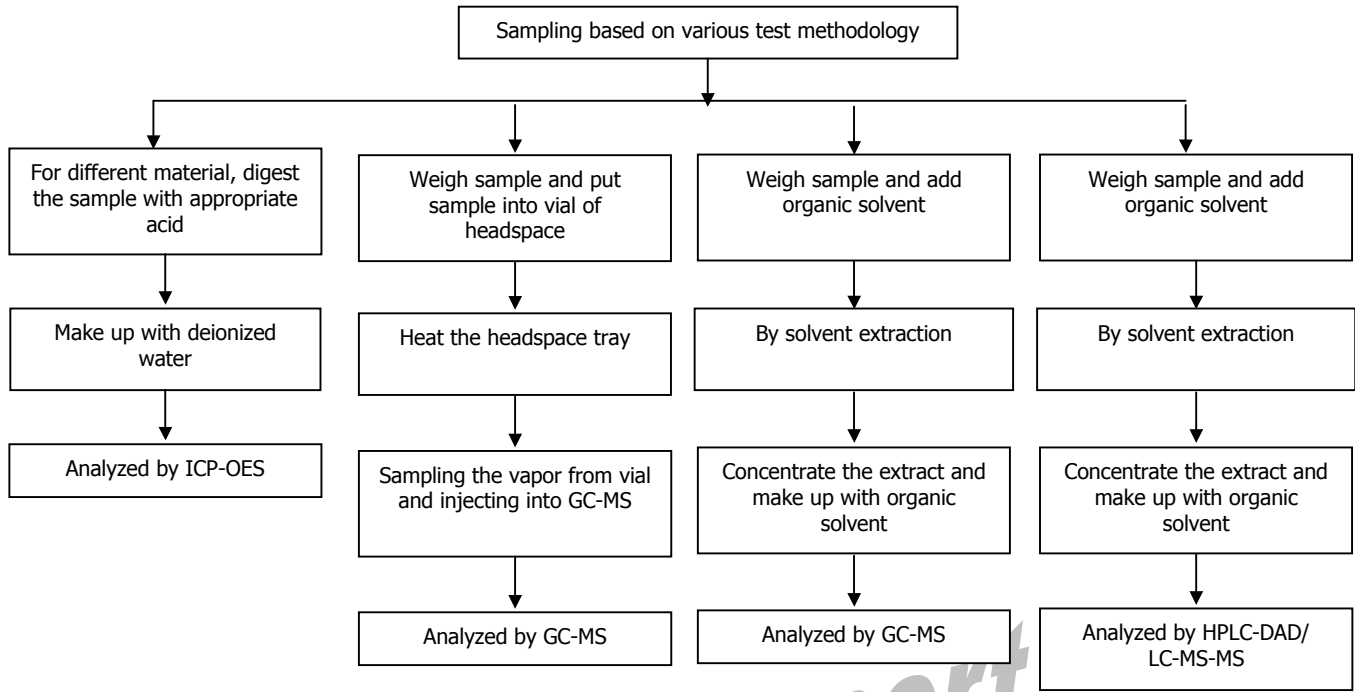
Remarks : CHCC = Chemical Of High Concern To Children
ppm = Parts per million = mg/kg
ND = Not detected
Detection limit = 30 ppm
* = Exceeded contaminant reporting criteria

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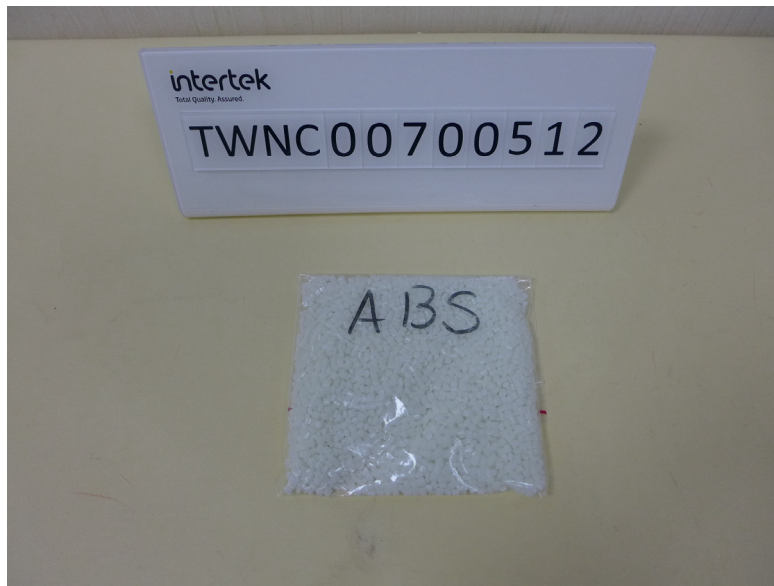
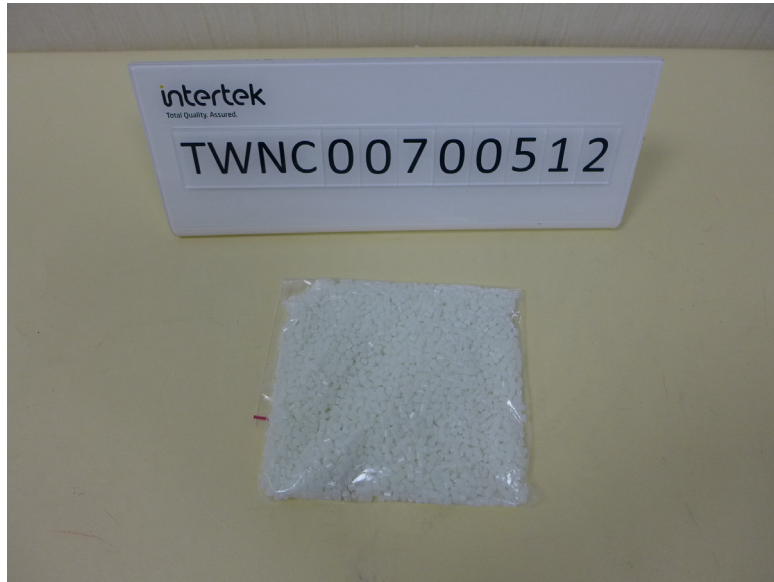
Test Conducted :

Measurement Flowchart:



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End of Report

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