



TEST REPORT

NUMBER : DELC12004940

DATE : 04-Jul-2012

APPLICANT : **HITECH INTERNATIONAL**
B-31, CHANDIGARH ROAD, BEANT
COLONY, VILLAGE KULYAWAL, BACK SIDE
BLIND SCHOOL, FOCAL
POINT, LUDHIANA, PUNJAB, INDIA, 141010
ATTN : **MUKUL SAREEN**

SAMPLE DESCRIPTION : THE SUBMITTED SAMPLE SAID TO BE VCI DESICANTS.
COLOUR : -
BASE MATERIAL/ RAW MATERIAL : POUCHES
RAW MATERIAL SUPPLIER : -
ARTICLE NO. / PART NO. : -
GRADE : -
BUYER'S NAME : -
MANUFACTURER'S NAME : -
DATE SAMPLE RECEIVED : 02 Jul 2012
STYLE NO. : -
TYPE : -

TEST CONDUCTED: AS REQUESTED BY THE APPLICANT FOR RoHS Directive 2002/95/EC, FOR
DETAILS REFER TO ATTACHED PAGE(S).

PREPARED & CHECKED BY :
FOR INTERTEK INDIA PRIVATE LIMITED [GURGAON - C&H]



SHOBHIT SHRIVASTAV
LAB MANAGER

TEST CONDUCTED:

A] TEST RESULTS SUMMARY OF HEAVY METALS FOR ROHS DIRECTIVE 2002/95/EC

TESTING ITEM	RESULT in ppm
CADMIUM (Cd) CONTENT IN PPM	ND(<2)
LEAD (Pb) CONTENT IN PPM	ND(<2)
MERCURY (Hg) CONTENT IN PPM	ND(<2)
CHROMIUM (VI) CONTENT (BY ALKALINE DIGESTION ON NON-METAL IN PPM)	ND(<2)

Remark: < = LESS THAN
ppm = PARTS PER MILLION
ND = NOT DETECTED

B] TEST METHOD:

TESTING ITEM	TESTING METHOD	REPORTING LIMIT
CADMIUM (Cd) CONTENT	WITH REFERENCE TO IEC 62321-111/54/CDV, BY ACID DIGESTION AND DETERMINED BY AAS/ICP-OES	2 PPM
LEAD (Pb) CONTENT	WITH REFERENCE TO IEC 62321-111/54/CDV, BY ACID DIGESTION AND DETERMINED BY AAS/ICP-OES	2 PPM
MERCURY (Hg) CONTENT	WITH REFERENCE TO IEC 62321-111/54/CDV, BY ACID DIGESTION AND DETERMINED BY AAS/ICP-OES	2 PPM
CHROMIUM (VI) CONTENT (FOR NON-METAL)	WITH REFERENCE TO IEC 62321-111/54/CDV, BY ALKALINE DIGESTION AND DETERMINED BY UV-VIS SPECTROPHOTOMETER	2 PPM

NOTE: TESTS WERE CONDUCTED FOR Cr +6 WITH REFERENCE TO 111/54/CDV VERSION 2008.

C] RoHS REQUIREMENT:

RESTRICTED SUBSTANCES	LIMITS
CADMIUM (Cd) CONTENT	100 ppm
LEAD (Pb) CONTENT	1000 ppm(40000 ppm FOR BRASS/COPPER MATERIAL) (3500 ppm FOR STEEL) (4000 ppm FOR ALUMINIUM)
MERCURY (Hg) CONTENT	1000 ppm
CHROMIUM (VI) CONTENT	1000 ppm

TEST CONDUCTED:

A] TEST RESULT SUMMARY OF BROMINATED FLAME RETARDANTS FOR ROHS DIRECTIVE 2002/95/EC

<u>TESTING ITEM</u>	<u>RESULT in ppm</u>
POLYBROMINATED BIPHENYLS (PBBs) IN ppm	
MONOBROMOBIPHENYL (MonoBB)	ND(<5)
DIBROMOBIPHENYL (DiBB)	ND(<5)
TRIBROMOBIPHENYL (TriBB)	ND(<5)
TETRABROMOBIPHENYL (TetraBB)	ND(<5)
PENTABROMOBIPHENYL (PentaBB)	ND(<5)
HEXABROMOBIPHENYL (HexaBB)	ND(<5)
HEPTA BROMOBIPHENYL (HeptaBB)	ND(<5)
OCTABROMOBIPHENYL (OctaBB)	ND(<5)
NONA BROMOBIPHENYL (NonaBB)	ND(<5)
DECABROMOBIPHENYL (DecaBB)	ND(<5)
POLYBROMINATED DIPHENYL ETHERS (PBDEs) IN ppm	
MONOBROMODIPHENYL ETHER (MonoBDE)	ND(<5)
DIBROMODIPHENYL ETHER (DiBDE)	ND(<5)
TRIBROMODIPHENYL ETHER (TriBDE)	ND(<5)
TETRABROMODIPHENYL (TetraBDE)	ND(<5)
PENTABROMODIPHENYL ETHER (PentaBDE)	ND(<5)
HEXABROMODIPHENYL ETHER (HexaBDE)	ND(<5)
HEPTABROMODIPHENYL ETHER (HeptaBDE)	ND(<5)
OCTABROMODIPHENYL ETHER (OctaBDE)	ND(<5)
SUM OF NONABROMODIPHENYL ETHERS (NonaBDE)	ND(<5)
DECABROMODIPHENYL ETHER (DecaBDE)	ND(<5)

B] TEST METHOD:

TESTING ITEM	TESTING METHOD	REPORTING LIMIT
POLYBROMINATED BIPHENYLS (PBB) & POLYBROMINATED DIPHENYL ETHERS (PBDE)	WITH REFERENCE TO IEC 62321 -111/95/CDV, BY SOLVENT EXTRACTION AND DETERMINED BY GC/MS AND FURTHER HPLC CONFIRMATION WHEN NECESSARY	5 PPM

C] RoHS REQUIREMENT:

RESTRICTED SUBSTANCES	LIMITS
POLYBROMINATED BIPHENYLS (PBBs)	0.1% (1000 ppm)
POLYBROMINATED DIPHENYL ETHERS (PBDEs)	0.1% (1000 ppm)

THE ABOVE LIMITS WERE QUOTED FROM 2002/95/EC AND AMENDMENT 2005/618/EC FOR HOMOGENEOUS MATERIAL.

END OF THE TEST REPORT