

1. TOXICS IN PACKAGING CLEARING HOUSE (TPCH)

US Model Toxics in Packaging Legislation (TPCH: Toxics in Packaging Clearing House) (formerly drafted by CONEG) – Total Lead, Cadmium, Mercury and Hexavalent Chromium content

Method : Sample digestion. Lead, Cadmium and Mercury were analyzed by Inductively Coupled Argon Plasma Spectrometry and Chromium VI was analyzed by UV-Visible Spectroscopy.

Test Item	Result (mg/kg)			Detection Limit (mg/kg)	Permissible Limit (mg/kg)
	1	2	3		
Lead (Pb)	ND	ND	41	5	--
Cadmium (Cd)	ND	ND	ND	5	--
Mercury (Hg)	ND	ND	ND	5	--
Hexavalent Chromium (Cr(VI))	ND	ND	ND	5	--
Total	< 20	< 20	Min. 41	--	100
Comment	PASS	PASS	PASS	--	--

Test Item	Result (mg/kg)	Detection Limit (mg/kg)	Permissible Limit (mg/kg)
Lead (Pb)	ND	5	--
Cadmium (Cd)	ND	5	--
Mercury (Hg)	ND	5	--
Hexavalent Chromium (Cr(VI))	ND	5	--
Total	< 20	--	100
Comment	PASS	--	--

Sample Description:

1. Blue Bag
2. Green Bag
3. Red Bag
4. Tan Bag

- Note :
1. mg/kg = milligram per kilogram
 2. ND = Not Detected
 3. < = less than
 4. Min. = Minimum

Remark : The TPCH legislation has been enacted by California, Connecticut, Florida, Georgia, Illinois, Iowa, Maine, Maryland, Minnesota, Missouri, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia, Washington and Wisconsin.

*** End of Report ***