



TEST REPORT

3. TOXIC ELEMENTS ANALYSIS ON TRANSPARENT PLASTIC

AS PER EUROPEAN STANDARD ON SAFETY OF TOYS EN71 PART 3 : 1994 AND AMENDMENT A1 : 2000, ACID EXTRACTION METHOD WAS USED AND TOXIC ELEMENTS CONTENT WERE DETERMINED BY INDUCTIVELY COUPLED ARGON PLASMA SPECTROMETRY.

	<u>RESULT IN mg/kg</u>	<u>LIMIT mg/kg</u>
SOL. BARIUM (Ba)	<5	1000
SOL. LEAD (Pb)	<5	90
SOL. CADMIUM (Cd)	<5	75
SOL. ANTIMONY (Sb)	<5	60
SOL. SELENIUM (Se)	<5	500
SOL. CHROMIUM (Cr)	<5	60
SOL. MERCURY (Hg)	<5	60
SOL. ARSENIC (As)	<2.5	25

SOL. = SOLUBLE
< = LESS THAN
mg/kg = MILLIGRAM PER KILOGRAM

4. TEST FOR F.D.A. REGULATION ON POLYSTYRENE

AS PER THE U.S. 21 CFR FOOD AND DRUG ADMINISTRATION PART 177.1640 CLAUSES (c) AND (d).

	<u>RESULT</u>	<u>LIMIT</u>
TOTAL RESIDUAL STYRENE MONOMER, % (w/w)	<0.05	0.5 (MAX.)

REMARK : < = LESS THAN