

Laboratory	Bureau Veritas Consumer Products Services (India) Private Limited, F2, Thiru-Vi-Ka Industrial Estate, Ekkattuthangal, Guindy, Chennai Tamil Nadu		
Accreditation Standard	ISO/IEC 17025: 2005		
Discipline	Mechanical Testing	Issue Date	11.01.2014
Certificate Number	T-2768	Valid Until	10.01.2016
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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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PLASTICS & PLASTIC PRODUCTS

I. PACKAGING MATERIALS

1	Container for Packaging of Natural Mineral Water & Packaged Drinking water	Finish & Appearance	IS:15410:2003(RA:2009) Amd 3	Visual
		Capacity	IS:2798:1998(RA:2009) Amd 2	200 mL - 30 L
		Wall thickness	IS:2798:1998	0.01mm – 5 mm
		Transparency	(RA:2009) Amd 2 IS: 15410:2003 (RA: 2009) Annex. A Amd 3	50 – 100%
		Leakage test : Closure leakage Vibration leakage Air pressure leakage	IS:2798:1998(RA:2009) Amd 2	Qualitative
		Drop Test	IS:2798:1998(RA:2009) Amd 2	Qualitative
		Migration test	IS:9845:1998(RA:2004)	0.1- 20 mg/dm ² 0.1--60 mg/L
	Water Potability Test	IS:15410:2003(RA:2009) Annex. B Amd 3	Qualitative	
2	Plastic Feeding Bottles	Brimful capacity	IS:14625:1999(RA:2010) Amd 5	50 – 400 mL
		Neck dimensions PC / PP	IS:14625:1999(RA:2010) Amd 5	25-50 mm
		Wall thickness	IS:2798:1998(RA:2009) Amd 2 - Section 5	0.01- 25 mm

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		Environmental Stress-Crack Resistance	IS:8747:1977(RA:2009) Method 1	No stress cracking or leakage when sample is kept at 60°C ± 1°C for 48hrs
		Transparency	IS:14625:1999(RA:2010) Amd 5 - Annex B	50 – 95%
		Leakage test	IS:14625:1999(RA:2010) Amd 5	No evidence of leakage when kept in horizontal position for 24 hrs and vertical position for 10 minutes
		Drop test	IS:14625-1999(RA:2010) Amd 5 - Annex C	Qualitative
		Ageing Resistance	IS:14625:1999(RA:2010) Amd 5	Qualitative
		Compressive deformation Resistance	IS:14625:1999(RA:2010) Amd 5 - Annex D	0.5 – 15%
		Product Resistance of printed containers	IS:2798:1998(RA:2008) Section 14	Qualitative
		Migration test	IS:14625:1999(RA:2010) md 5IS:9845:1998 (RA: 2004)	0.1- 50 mg/dm ² 0.1-200 mg/L
		Permanency of pigment	IS:14625:1999(RA:2010) Amd 5 - Annex A	Qualitative

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3	Polyethylene Flexible Pouches for the packing of Natural Mineral Water & Packaged Drinking Water	Description	IS:15609:2005(RA:2010) Amd -1	Visual description
		Odour	IS:15609:2005 (RA:2010) Amd -1	Qualitative
		Thickness	IS:2508:1984(RA:2008) Amd.1	50– 100 microns
		Width	IS:15609:2005 (RA:2010) Amd -1 Amd.1	200 – 400 mm
		Overall migration	IS:9845:1998(RA:2004)	0.1- 20 mg/dm ² 0.1-600 mg/L
		Tensile strength	IS:2508:1984(RA:2008) Amd 3 A-4	100 -400 kgf/cm ²
		Elongation at break	IS:2508:1984(RA:2008) Amd 3 Annex- 4	100 -900%
		Dart impact resistance	IS:2508:1984(RA:2008) Amd 3	52 - 400 gf
		Water potability test	IS:15609:2005(RA:2010) Amd -1 Annex. E	Qualitative
		Stack load test	IS:15609:2005(RA:2010) Amd -1 Annex. F	Qualitative
Drop test	IS:15609:2005(RA:2010) Amd -1 Annex. G	Qualitative.		

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		Ink adhesion test for printed pouch	IS:15609:2005(RA:2010) Amd -1 Annex. H	Qualitative
		Product resistance test for printed pouch	IS: 15609:2005(RA:2010) Amd - 1 Annex. J	Qualitative

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