

PT SORINI AGRO ASIA



CERTIFICATE OF ANALYSIS

EQC0804095

Generic Name : SORBITOL SOLUTION (70%)

No. Item	Analysis Data	Specification
1 Identification	Passed	Conform
2 Appearance of solution	Colorless	Clear, colorless
3 Water content	30.0000 %	29.5000 - 30.5000 %
4 Dry substance (Total Solid)	70.0000 %	69.5000 - 70.5000 %
5 Brix at 20 °C	67.4000	67.0000 - 67.8000
6 Refractive Index at 20 ° C	1.4590	1.4580 - 1.4620
7 Specific Gravity at 25/25 °C	1.3022 g/mL	1.2950 g/mL min
8 Reducing Sugars	0.1330 %	0.1500 % max
9 Conductivity	1.7000 uS/cm	10.0000 uS/cm max
10 Total Sugars	6.2150 %	6.0000 - 8.0000 %
11 pH (50% aq. sol) pH of water = 6.0 ± 0.2	6.4900	5.0000 - 7.0000
12 Sulphated Ash	0.0050 %	0.1000 % max.
13 Purity		
Lead as Pb	Less than 1.0000 ppm	1.0000 ppm max
Nickel as Ni	Less than 2.0000 ppm	2.0000 ppm max
Arsenic (As)	Less than 3.0000 ppm	3.0000 ppm max.
Chloride	Less than 50.0000 ppm	50.0000 ppm max.
Sulphate	Less than 100.0000 ppm	100.0000 ppm max.
Heavy Metals (86 Pb)	Less than 10.0000 ppm	10.0000 ppm max
14 Assay		
D-Sorbitol	82.6200 %	80.0000 - 85.0000 %
D-Mannitol	2.0200 %	8.0000 % max
15 Microbiological Test		
Total Plate Count	Less than 10.0000 cfu/ml	100.0000 cfu/ml max.
Total Mould & Yeast	Less than 10.0000 cfu/ml	10.0000 cfu/ml max
E. Coli	Negative	Negative

Notes

E- CODE : E- 420 (II)
PO. NO. : 132

Analyst In Charge


Slamet SO

(QC Dept Head)