



NEW AMBITION CHEMICAL

Address: 2 Shandong Rd., Qingdao 266100, China

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CERTIFICATE OF ANALYSIS

Product Name: Sorbitol		Batch Number: 20230407
		Test date: 2023/04/08
		Mfg.date: 2023/04/07
		Exp.date: 2025/04/07
		Quantity: 300G
Item	Standard	Test Result
Appearance	Colorless, syrupy liquid	Conformed
Identification	Red color immediately develops	Conformed
Taste	Sweet Taste	Conformed
Color	Colorless not yellowish	Conformed
Odor	No objectionable odor	Conformed
Dirt	No and no foreign matter	Conformed
Sorbitol (Content)	$\geq 50\%$	70.1%
Dry substance	69.0% - 71.0%	70.1%
Water content	$\leq 30\%$	29.9%



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Viscosity (25°C) cps	125 - 145	134
Refractive index (25°C)	1.455 - 1.465	1.458
pH in 50% DS Aqua sol	5.0 - 7.0	6.1
Specific gravity (g/ml)	1.295 - 1.300	1.298
Resistivity (μs/cm)	≤ 10	6
Reducing sugars	≤ 0.21%	0.11%
Total sugars	≤ 8.0%	6.4%
Nickel	≤ 1.0 ppm	< 1.0 ppm
Iron	≤ 1.0 ppm	< 1.0 ppm
Chloride	≤ 10 ppm	< 10 ppm
Sulfate	≤ 50 ppm	< 50 ppm
Total Plate Count (CFU/ml)	≤ 100	< 100
Heavy metals (as Pb)	≤ 5.0 ppm	< 5.0 ppm
Arsenic (As ₂ O ₃)	≤ 1.0 ppm	< 1.0 ppm
Weight of sorbitol	23.5927 - 55.4729	26.4262
Non-crystallization	No crystal at -18°C in 24h	Conformed