

CERTIFICATE OF ANALYSIS

Product Name	Erythritol		
Sterilization Method	High temperature sterilization		
Batch Number	20221021	Manufacture Date	20221021
Report Date	20221021	Expiry Date	20241020

Item of Analysis	Specification	Results
Assay	99.5-100.5	99.97
Organoleptic		
Appearance	Powder	Conforms
Color	White Crystalline powder or Granular	White Crystalline Granular
Odor	Characteristic	Conforms
Taste	10 times sweetness of Sugar	Conforms
Physical Characteristics		
PH Value	5-7	6.03
Loss on drying	≤0.2%	0.06
Total ash	≤0.1%	0.01
Melting Range	119-123°C	119.4-122.7°C
Reducing Sugars	≤0.3%	<0.3
Ribitol and Glycerol	≤0.1%	<0.01
Heavy metals		
Lead (Pb)	≤0.5mg/kg	0.02mg/kg
Arsenic (As)	≤0.3mg/kg	<0.1mg/kg
Cadmium (Cd)	2ppm NMT	Conform
Mercury (Hg)	0.5ppm NMT	Conform
Microbiological Tests		
Count of Bacteria	300cfu/g Max	<10cfu/g
Yeast & Mold	100cfu/g Max	<10cfu/g
Coliform	≤0.3 MPN/g	<0.3MPN/g
Salmonella enteriditis	Negative	Negative
Shigella	Negative	Negative
Staphylococcus aureus	Negative	Negative
Beta Hemolyticstreptococcus	Negative	Negative

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

