



TECHNICAL DATA SHEET

Email: sales@elementarychem.com

www.elementarychem.com

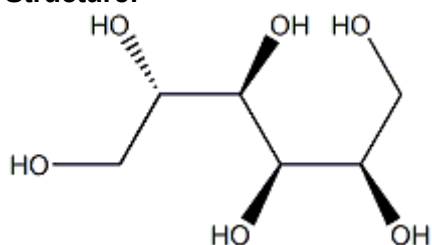
General Information:

Product: **Sorbitol**
CAS: 50-70-4
EC No.: 205-749-9
MF: C₆H₁₄O₆
MW: 182.17
EINECS: 200-061-5

Chemical Properties:

Melting point: 98-100 °C
Density: 1.28 g/mL at 25 °C

Structure:



Specification:

Items	Specification(99%)	Specification VC Grade (70% crystalline Liquid)	Specificationb Food Grade (70% None-crystalline Liquid)
Appearance	White crystalline granule or powder	Clear,colorless,syrupy liquid	Clear,colorless,syrupy liquid
Assay	99.0% min	70% min	69.5% min
Sorbital	98.0% min	97% min	72% min
Reducing sugar	0.15% max	0.2% max	0.25% max
Total Sugar	0.5% max	/	6-9%
PH(50%)	5.0-7.0	5.0-7.0	5.0-7.0
Specific gravity at 25°C	/	1.295 min	1.295 min
Refractive index at 20°C	/	1.455 min	1.455 min
Residue on ignition	0.1% max	0.1% max	0.1% max
Heavy metals	/	5 ppm max	5 ppm max
Nickel	1 ppm max	1 ppm max	1 ppm max
Lead	1 ppm max	1 ppm max	0.5 ppm max
Arsenic	1 ppm max	1 ppm max	1 ppm max
Chloride	50 ppm max	50 ppm max	50 ppm max
Sulphate	50 ppm max	50 ppm max	50 ppm max
Total bacterium	100 cfu/g max	100 cfu/g max	100 cfu/g max
Colon bacillus	Absent in 1g	Absent in 1g	Absent in 1g

Safe Information:

Non-Hazardous products

Package &Storage:

Package: 25kgs Net per bag for 99% solid; 250kgs net per drum for liquid

Storage: store in cool place. Keep container tightly closed in a dry and well-ventilated place.