

D(-)-Sorbitol powder

GRM109

Product Identifier

CAS No.	:	50-70-4
EC No.	:	200-061-5
Molecular Formula	:	C ₆ H ₁₄ O ₆
Molecular Weight	:	182.17
HS Code	:	2905 44 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White hygroscopic crystals or powder
Solubility	:	1000 mg soluble in 1 mL of water
Clarity	:	5% w/v aqueous solution in boiling water is clear and colourless.
Specific rotation	:	+4.00° to +7.00° (c = 5gm substance and 6.4 gm of disodium tetraborate in 40 mL of water R. Allow to stand for 1 h and dilute to 50 mL with water R, at 20 ± 0.5°C, anhydrous basis)
Water (K.F.)	:	<= 1.50%
Chloride (Cl)	:	<= 0.005%
Arsenic (As)	:	<= 0.0002%
Heavy metals (as Pb)	:	<= 0.001%
Sulphated ash	:	<= 0.1%
Sulfate (SO ₄)	:	<= 0.0125%
Reducing sugars	:	Passes test
Assay (GC/HPLC)	:	>= 99.00%

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	LZ4290000
WGK	:	1