
D-(-)-Fructose, For Bacteriology

GRM196

Product Identifier

CAS No.	:	57-48-7
EC No.	:	200-333-3
Molecular Formula	:	C ₆ H ₁₂ O ₆
Molecular Weight	:	180.16
HS Code	:	1702 50 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White hygroscopic crystals or powder
Solubility	:	1000 mg soluble in 1 mL water
FTIR	:	Matches with the standard pattern
Specific rotation	:	-93.50° to -91.00° (c= 10% in water + 0.2 mL of 5M ammonia, allow to stand for 30 min. at 20°C, anhydrous basis)
Arsenic (As)	:	<= 0.0001%
Chloride (Cl)	:	<= 0.0125%
Barium (Ba)	:	Passes test
Heavy metals (as Pb)	:	<= 0.0005%
Sulfate (SO ₄)	:	<= 0.02%
Sulphated ash	:	<= 0.1%
Water (K.F.)	:	<= 0.50%
Assay (GC/HPLC)	:	min. 99.00%

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	LS7120000
WGK	:	1