

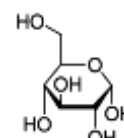


Product Specification

cdhfinechemical.com

DEXTROSE ANHYDROUS FOR MOLECULAR BIOLOGY

PRODUCT CODE	924900
SYNONYMS	--
C.I. NO.	--
CASR NO.	50-99-7
ATOMIC OR MOLECULAR FORMULA	C₆H₁₂O₆
ATOMIC OR MOLECULAR WEIGHT	180.16
PROPERTIES	Store below 30°C



PARAMETER	LIMIT
Description	White crystals or crystalline powder or granules.
Solubility	Soluble in water.
Minimum assay (GC/HPLC)	99.50 %
pH (10% in water at 25°C)	5.0 – 6.50
Specific rotation [α^{20}_D] (c = 10% in water)	+52.5° to +53.3°C

MAXIMUM LIMIT OF IMPURITIES

Sulphated ash	0.1%
Water (K.F.)	0.2%
Chloride (Cl)	0.01%
Sulphate (SO ₄)	0.02%
Sulphite (SO ₃)	0.001%
Arsenic (As)	0.0001%
Calcium (Ca)	0.02%
Lead (Pb)	0.00005%
DNase, RNase	None detected

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: -----

Disposal:-----

Hazard Pictogram(s) :-----

IMDG Code : --

UN No. : --

IATA : --

Replace date 21-Feb-2024