

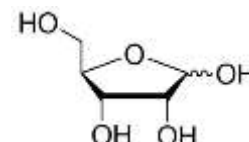


Product Specification

cdhfinechemical.com

D-RIBOSE FOR BIOCHEMISTRY

PRODUCT CODE	038058
SYNONYMS	--
C.I. NO.	--
CASR NO.	(50-69-1)
ATOMIC OR MOLECULAR FORMULA	C ₅ H ₁₀ O ₅
ATOMIC OR MOLECULAR WEIGHT	150.13



PROPERTIES	--
PARAMETER	LIMIT

Description	Light yellow powder.
Solubility	5% solution in water is clear & slightly pale yellow coloured.
Minimum assay	99.0%
Melting Point	83 - 88°C
Specific rotation [α] _D ²⁰ (C=2, water)	- 21° to -19.5°

MAXIMUM LIMIT OF IMPURITIES

Ash	0.05%
Loss on drying	0.5%
Heavy metals (Pb)	0.001%
Iron (Fe)	0.0005%
TLC	To pass the test.

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

WARNING

Hazard statements : Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: ---

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

Hazard Pictogram(s) :-----

IMDG Code :--

UN No. :--

IATA :--

Replace date 20-Oct-2023