



Product Specification

cdhfinechemical.com

D-RIBOSE FOR MOLECULAR BIOLOGY

PRODUCT CODE 973180

SYNONYMS --

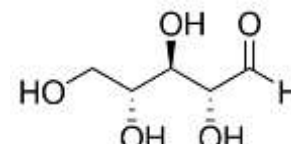
C.I. NO. --

CASR NO. (50-69-1)

ATOMIC OR MOLECULAR FORMULA C₅H₁₀O₅

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] D₂₀
(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