



# 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** C<sub>5</sub>H<sub>10</sub>O<sub>5</sub>

**ATOMIC OR MOLECULAR WEIGHT** 150.13

**PROPERTIES** --

**PARAMETER** **LIMIT**

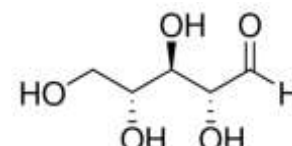
Description Off white powder.

Solubility 5% solution in water is clear & slightly pale yellow coloured.

Minimum assay 99.0%

Melting Point 83 - 88°C

Specific rotation [α]<sub>D</sub><sup>20</sup>  
(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 :--