

ISO 9001:2008 Co.



Rehsiff Scientific®

Manufacture & Importer of
Laboratory Fine Chemicals, Diagnostic Kit & Lab wares

D-RIBOSE FOR BIOCHEMISTRY

PRODUCT CODE	R02793
SYNONYMS	--
C.I. NO.	--
CASR NO.	(50-69-1)
ATOMIC OR MOLECULAR FORMULA	$C_5H_{10}O_5$
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] D (C=2, water) 20	- 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: ---	IMDG Code :-- UN No. :-- IATA :--
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) :-	
 GHS05 GHS07	

Replace Date 1 April 2023

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