HIMEDIA

Product Information

RM197 D (-) Ribose

Product Number		Packing
RM197	:	100G
RM197	:	25G
RM197	:	500G
RM197	:	5G

Product Information

Product Code	:	RM197
Product Name	:	D (-) Ribose
Molecular Formula	:	$C_5H_{10}O_5$
Molecular Weight	:	150.13
CAS No.	:	50-69-1
Shelf Life	:	4 years

Technical Specification

Appearance	:	Light yellow powder.
Solubility	:	Soluble in water, slightly soluble in alcohol.
Clarity	:	10% w/v aqueous solution in boiling water is clear.
Chloride (Cl)	:	<=0.005%
Calcium (Ca)	:	<=0.001%
Heavy metals (as Pb)	:	<=0.001%
Arsenic (As)	:	<=0.00001%
Loss on drying	:	<=1%
Iron (Fe)	:	<=0.0005%
Melting point	:	86-88°C
Water (H2O)	:	<=0.5%
Specific rotation [#] 20/D	:	-20 ± 1° (c=4 in H2O)
Assay (on dry basis)	:	min. 99.00 %

Risk and Safety Information

WGK	:	3
Storage Temperature(°C)	:	Store at 2-8°C

Transport Information

ADR/RID	:	Not Dangerous Goods
IMDG	:	Not Dangerous Goods
IATA	:	Not Dangerous Goods

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