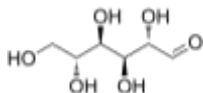


Product Information

D(+)-MANNOSE 99% FOR BIOCHEMISTRY

D (+) Mannopyranose



Product Code	O-5299	Grade	For biochemistry
Purity	99 %	CAS No	3458-28-4
Molecular Formula	C ₆ H ₁₂ O ₆	Molecular Weight	180.16 g/mol
H.S.Code	2940.0000	Shelf Life	60 Months

Physical Properties

Physical state	Crystalline powder	Colour	White
Melting point	127 - 133 °C	Density	1,54 g/cm ³ at 20 °C
Boiling point	180,4 °C at 1.007 hPa	Vapour pressure	> 0,1 hPa at 20 °C
pH	5,9 - 6,4 at 50 g/l at 20 °C	Partition coefficient: n-octanol/water	log Pow: -5,65
Solubility in water	10 g/l at 20 °C		

Packaging

25 gram

Specification

Appearance	White powder
Assay (HPLC/Titration)	min 99.0 %
Heavy metal (as Pb)	max 0.001 %
Sulphated ash	max 0.1 %
Water (H ₂ O)	max 0.5 %
Specific optical rotation ((α) _{20/D} ; 5% in water)	+ 13.8 ° to + 14.4 °

Safety Information and Hazard Symbols

NO GHS

Symbol: no available

Signal Word: no available

UN No.: no available

IMCO Class No.: no available

Packing Group: no available

Hazardous Statement: no available

Precaution Statement: no available

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