



Specification

Concerning Product:	
Article number	3458284MPG
Trade name / designation / denomination	D(+)-Mannose, Pharma Grade
CAS number	3458-28-4
Other names / synonyms	•6-(hydroxymethyl)oxane-2,3,4,5-tetrol; •D-mannose;
EC number	222-392-4
Customs tariff number / CN code / TARIC	29400000
Molecular weight [g / mol]	180.15588
Formula	C ₆ H ₁₂ O ₆

Parameter	Specification	Unit
Organoleptic test		
Appearance	white crystalline powder	
Physical parameter		
Loss on drying	≤ 0,45	%
Specific Optical Rotation	(c=10, H ₂ O, 24h) 14,2 – 0,5	°
Identity		
Assay	≥ 99,0	%
Impurities		
Heavy Metals (as Pb)	≤ 10	ppm
Microbiological data		
Bacterial endotoxins	≤ 0,5	EU/mg
Escherichia Coli.	≤ 0	CFU/g
Total Plate Count	≤ 1000	CFU/g
Yeast and Mould	≤ 100	CFU/g

Supplemental information:

Shelf life: 2 years

Packing: HDPE drum with PE bag

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 14. Aug. 2019

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