

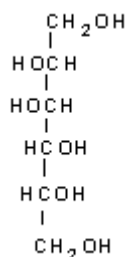


PRODUCT CODE: 132067

D(-)-Mannitol for analysis, ACS

$C_6H_{14}O_6$

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M.= 182,17

CAS [69-65-8]

EINECS 200-711-8

TARIC 2905 43 00 00

SYNONYMS: Cordycepic Acid, D-Mannite

PHYSICAL DATA: Small crystals, White, Soluble in water 156 g/l at 18 °C M.P.: 166 °C • pH(100g/l)5 - 7 •

BIBLIOGRAPHY: Merck Index **12**, 5.788 13, 5.769 Sax **HER000** • Beilstein **1**, **534 IV**, **2841** • BRN 1721898 • ACS **XI** • BP.2021 • USP **43** • Ph. Eur. **9.0** (2017) 5.4, 3975 **10.0** (2020) 5.4, 3975 6.3, 6.4 • F.C.C **12 13** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •

HAZARDOUS: RTECS: OP 2060000 • LD50 oral mus 22.000 mg/kg • LD50 oral rat 13.500 mg/kg • LD50 ipr mus 14.000 mg/kg

SPECIFICATIONS:

Identity :

Identity

Melting range

Specific rotation [α]_D 20/D c=10 (in B4O7Na2.10H2O 13%)

IR passes test

165-168°C

+23,3 - +24,3°

Maximum limit of impurities

Acidity	0,0008 meq/g
Insoluble matter in H ₂ O	0,01 %
Darkened substances by H ₂ SO ₄	passes test
Loss on drying at 105°C	0,05%
Residue on ignition (as SO ₄)	0,01 %
Sugars Reducing(as C ₆ H ₁₂ O ₆)	0,05 %
Chloride (Cl)	0,0025%
Sulfate (SO ₄)	0,005%
Heavy metals (as Pb)	0,0005%
As	0,0001 %
Ca	0,001 %
Cu	0,0005 %
Fe	0,0005 %
Ni	0,0001 %
Zn	0,0005 %