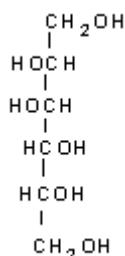
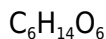
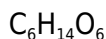


**PRODUCT CODE: 132067****D(-)-Mannitol for analysis, ACS**

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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.**2018** • USP **41** • Ph. Eur. **8.0** (2014) 5.4, 3975 **9.0** (2017) 5.4, 3975 6.3, 6.4 • F.C.C **10 11** • 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:**

Minimum assay (G.C.)

98,0%

Identity :

Identity

IR passes test

Melting range	165-168°C
Specific rotation [α] 20/D c=10 (in B4O7Na2.10H2O 13%)	+23,3 - +24,3°

**Maximum limit of impurities**

Acidity	0,0008 meq/g
Insoluble matter in H2O	0,01 %
Darkened substances by H2SO4	passes test
Loss on drying at 105°C	0,05%
Residue on ignition (as SO4)	0,01 %
Sugars Reducing(as C6H12O6)	0,05 %
Chloride (Cl)	0,0025%
Sulfate (SO4)	0,005%
D(-)-Sorbite (G.C.)	1%
Heavy metals (as Pb)	0,0005%
As	0,0001 %
Ca	0,001 %
Cu	0,0005 %
Fe	0,0005 %
Ni	0,0001 %
Zn	0,0005 %