

D-Glucose anhydrous

Chemical formula: $C_6H_{12}O_6$

Molar mass: 180,16 g/mol

CAS: 50-99-7

EINECS: 207-757-8

A.G. (12020)

Appearance	white powder
$[\alpha]D_{20}$ (c = 10 in water)	+53 +/- 2,0 °
Sulphated ash	max. 0,1 %
Fe (Iron)	max. 0,0005 %
Heavy metals (as Pb)	max. 0,0005 %
Melting point	149 - 152 °C

ACS (43440)

Appearance	white powder
Specific rotation $[\alpha]D_{25}$	+52,5 až +53,0 °
Insoluble matter	max. 0,005 %
Loss on drying	max. 0,2 %
Residue on ignition	max. 0,02 %
Free acid	max. 0,002 meq/g
Chloride (Cl ⁻)	max. 0,0005 %
Heavy metals (as Pb)	max. 0,0005 %
Melting point	149 - 152 °C