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CERTIFICATE OF ANALYSIS

2,3,5,6-Di-O-isopropylidene- α -D-mannofuranose

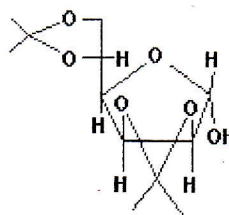
Code number: 04-1119

CAS number: [14131-84-1]

Empirical formula ...: C₁₂H₂₀O₆

Molecular weight ...: 260.3

Storage conditions : 2°C to 8°C



Tests

Appearance

Melting point

Optical Rotation [α]_D²⁰

TLC qualitative

Water content (KF)

Loss on ignition

Specifications

white to off-white powder

118.0 - 124.0°C

+ 23.0° ± 2.0° (1%, acetone)

conforms to reference

≤ 0.5%

≤ 0.1%

Lot 16999-AE/1

off-white powder

118.5 - 120.5°C

+ 24.5°

conforms

0.3%

< 0.1%