

QUALITY SPECIFICATION

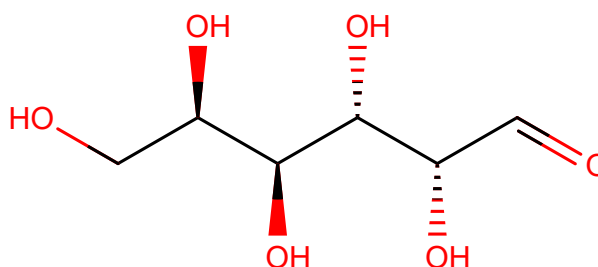
D-Galactose

Catalog No.: NST-10-219

CAS No.: 59-23-4

Molecular formula: C₆H₁₂O₆

MW: 180.16



No.	Parameter	Specification	Method
1.	Appearance	Fine powder	Visual
2.	Color	White	Visual
3.	Identification	Conforms	TLC&NMR
4.	Assay	≥98.0%	HPLC-RID
5.	Sulfated ash	≤2.0 %	In house
6.	Loss on drying	≤5.0 %	In house
7.	Heavy Metals	≤10 ppm	ICP-MS
8.	Lead	≤2 ppm	ICP-MS
9.	Arsenic	≤1 ppm	ICP-MS
10.	Mercury	≤0.1 ppm	ICP-MS
11.	Cadmium	≤1 ppm	ICP-MS

Storage: long term storage - airtight container +2 ... +8 °C

Stability: 24 months when properly stored