

Product Specification

Product Name: D(+)-Galactose
2,3,4,5,6-pentahydroxyhexanal

Item Nr.: 1042 MW: 180.16 g/mol C₆H₁₂O₆
CAS Nr.: 59-23-4 E.C.Nr.: EINECS: 200-416-4

Parameter	Method	Specification	Unit
Appearance	visual	White crystalline powder	
Solubility	20% in H ₂ O (heat)	soluble	
Clarity of solution	Nephelometry	0	NTU
Coloration of sol.	Gardner	1	
Identification	IR	corresponds to standard	
Assay		>98.5	%
Acidity or alkalinity	acc. to EP monogr. 1215	<0.015	meq OH
pH	10% in H ₂ O	4.5 - 6.0	
Water	KF	<1.0	%
Proteins	acc. to EP monogr. 1215	<0.1	mg/ml
Related Substances	Total impurities	<1.5	%
Sulfated ash		<0.1	%
Microbiological test		<100	CFU/g

Storage: Keep well closed at room temperature in a dark and dry place. Below 0 °C in sealed bags for long storage.

For professional use only. Not intended for pharmaceutical use. We do not warrant suitability for any particular application. Consult Safety Data Sheet.

Version/Latest update: 03/07..06.2020