

Item Number	L1604
Item	Lactobionic Acid, NF, EP
CAS Number	96-82-2
Molecular Formula	C ₁₂ H ₂₂ O ₁₂
Molecular Weight	358.30
MDL Number	
Synonyms	4-O-β-D-Galactopyranosyl-D-gluconic Acid

Test	Specification	
	Min	Max
APPEARANCE		
IDENTIFICATION A (FTIR)	SPECTRUM MATCHES REFERENCE	
IDENTIFICATION (B)	SAMPLE SPOT CORRESPONDS TO STANDARD	
ASSAY (ANHYDROUS BASIS)	98.0	102.0 %
APPEARANCE OF SOLUTION	CLEAR NO MORE COLOR THAN STANDARD	
SPECIFIC OPTICAL ROTATION	+23.0° to +29.0°	
REDUCING SUGARS (as GLUCOSE)		0.2 %
WATER		5.0 %
TOTAL ASH		0.2 %
ELEMENTAL IMPURITIES	AS REPORTED	
EXPIRATION DATE		
DATE OF MANUFACTURE		
RESIDUAL SOLVENTS	AS REPORTED	
CLASS 3 (solvent) / ETHANOL		
MONOGRAPH EDITION		
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Spectrum Chemical Mfg Corp

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