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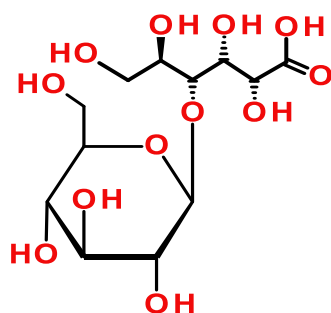
Product Specifications

Maltobionic Acid

CAS 534-42-9

Syn: 4-O- α -D-Glucopyranosyl-D-gluconic acid

Structure:



Mol. Formula
Source

$C_{12}H_{22}O_{12}$
Synthetic

Mol. Wt.

Grade

non-cGMP

Test

Specification

Appearance	White to off-white to pale yellow microcryst. solid
Assay (titration)	95%
pH (10% aq. solution)	1.0 – 3.0
Heavy metals (Pb)	≤ 10 ppm
LOD	$< 5\%$
Solubility in Water	Freely soluble
Sulfate	≤ 400 ppm
Chloride	≤ 400 ppm
Clarity (10% aq. solution)	Clear
Color (10% aq. solution)	Report result

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- cont'd -

<i>Test</i>	<i>Specification</i>
<u>Microbiological Specification</u>	
Total Aerobic (CFU/g)	<100 cfu/g
<i>Pseudomonas aeruginosa</i>	ND
<i>Staphylococcus Aureus</i>	ND
Mold & Yeast (CFU/g)	<100 cfu/g

Storage: Maintain in cool, dry, dark containment.