

# Specification

## Technical Data Sheet

<b>Product Name</b>	Lactobionic acid
<b>Product No</b>	34227073
<b>CAS Number</b>	96-82-2
<b>Storage Temperature</b>	Ambient
<b>Molecular Weight</b>	358.30
	<b>Specification</b>
<b>Appearance</b>	White or off-white crystalline powder
<b>Heavy metals</b>	≤10 ppm
<b>pH</b>	1.0 - 3.0
<b>Pseudomonas aeruginosa</b>	Negative
<b>Salmonella</b>	Negative
<b>Assay</b>	98.0 - 102.0%
<b>Clarity</b>	Clear

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<b>Escherichia coli</b>	Negative
<b>Iron (Fe)</b>	≤100 ppm
<b>Specific optical rotation</b>	+23 - +29°
<b>Sulfate</b>	≤500 ppm
<b>Water Content</b>	≤5.0%
<b>Calcium (Ca)</b>	≤500 ppm
<b>Chloride(Cl)</b>	≤500 ppm
<b>Endotoxin level</b>	≤10 EU/g
<b>Reducing Sugars</b>	≤0.2%
<b>Total ash</b>	≤0.1%
<b>Total Bacteria Count</b>	≤100 Col/g

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