

# CERTIFICATE OF ANALYSIS

Product Description	Batch	Re-Test Date	Customer Reference
SODIUM LACTATE 60%	9953	12/2025	

PARAMETERS	SPECIFICATION	RESULTS
<b>Colour and Appearance:</b>	Colourless to light yellow liquid	Comparable to standard
<b>Odour:</b>	Characteristic	Comparable to standard
<b>Specific Gravity @ 20°C:</b>	1.260 - 1.340	1.295
<b>Viscosity in mPa.s @ 20°C:</b>	80 - 160Ccps	141cps
<b>pH (20% Solution) @ 20°C:</b>	6.5 - 7.5	6.83
<b>Assay</b>	59.0 - 61.0 %	60.0%
<b>Stereochemical purity (L-isomer)</b>	min. 97 %	99.1%
<b>Sodium content</b>	12.1 – 12.6 %	12.4%
<b>Acidity (as lactic acid)</b>	max. 0.3 % w/w	Conforms
<b>Chloride</b>	max. 50 mg/kg	Conforms
<b>Sulphate</b>	max. 20 mg/kg	Conforms
<b>Cyanide</b>	max. 0.3 mg/kg	Conforms
<b>Iron</b>	max. 10 mg/kg	Conforms
<b>Arsenic</b>	max. 1 mg/kg	Conforms
<b>Lead</b>	max. 2 mg/kg	Conforms
<b>Mercury</b>	max. 1 mg/kg	Conforms
<b>Heavy metals (as Pb)</b>	max. 5 mg/kg	Conforms

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