

# Essentially Natural

Products with purpose.

The Essentially Natural Domain (Pty) Ltd | Reg. No. 2014/170069/07  
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## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>SODIUM LACTATE SOLUTION</b>		
<b>Brand Name</b>	<b>Nutrisal NA LT</b>		
<b>Batch / Lot No.</b>	001/SLS/0123	<b>A.R. No.</b>	23SLS0064
<b>Mfg. Date</b>	JAN, 2023	<b>Total Batch Qty.</b>	400 KGS
<b>EXP. Date</b>	DEC, 2025	<b>Dispatch / Sample Qty.</b>	75 KGS

TESTS	SPECIFICATIONS	RESULTS
Appearance	Clear, colorless or practically colorless, slightly viscous liquid, odorless or having a slight, not unpleasant odor.	Complies
Solubility	Miscible with water and with ethanol (96%).	Complies
Identification	A. <b>Reaction of lactates:</b> The solution gives the reaction of lactates. B. <b>Reaction (a) of sodium:</b> It gives reaction (a) of sodium.	Complies Complies
Appearance of solution	The substance to be examined is clear and not more intensely coloured than reference solution BY <sub>6</sub> .	Complies
pH	6.5 to 9.0.	7.1
Reducing sugars and sucrose	The solution is clear and blue.	Complies
Chlorides	Not more than 50 ppm.	< 50 ppm
Limit of citrate, oxalate, phosphate, or tartrate	The solution remains clear.	Complies
Sulfates	Not more than 50 ppm.	< 50 ppm
Sugars	No red precipitate is formed.	Complies
Cyanide	Not more than 0.5 ppm.	< 0.5 ppm
Lead	Not more than 2 ppm.	< 2 ppm
Barium	Any opalescence in the solution is not more intense than that of a standard prepared at the same time and in the same manner using a mixture of 10 ml of solution S and 10 ml of distilled water.	Complies
Iron	Not more than 10 ppm.	< 10 ppm
Limit of methanol and methyl esters	Not more than 0.025%.	< 0.025%
Assay	Not less than 50.0%, by weight. Not less than 98.0% and not more than 102.0%, by weight, of the labeled amount of C <sub>3</sub> H <sub>5</sub> NaO <sub>3</sub> .	50.4% 100.8%

**Remarks: The above batch complies with the prescribed standards of quality as per BP / EP / USP-NF 2021 / FCC / In-House specifications.**