

## BOLETÍN DE ANÁLISIS

1159 - Lactato de Sodio al 60% - ECOCERT

Material No.	1159
Brand Name	PURASAL® S
Product Name	Sodium -(L)-lactate(60%), Water (40%)
Batch No.	7500255014
Manufacturing Date	08-Ago 2023
Expiry Date	08-Ago-2025

Characteristic	Unit	Lower Limit	Upper Limit	Value
Assay	%(w/w)	58.8	61.2	60.1
Assay sodium	%(w/w)	12.1	12.6	12.4
Color fresh	APHA		25	21
pH direct		7.8	8.3	8.2
pH 1+5 (%v/v)		6.5	7.5	7.4
pH (20% v/v solution)		6.5	7.5	7.3

**Parameters not tested in all batches but validated through in-process or final testing.**

Characteristic	Unit	Lower Limit	Upper Limit
Stereochemical purity (S)- enantiomer	%	97	
Clarity of solution		Clear	
Form		Syrupy liquid	
Color reaction with catechol		Passes test	
Density (20°C)	g/ml	1.32	1.34
Positive test for lactate		Passes test	
Positive test for sodium		Passes test	
Solubility in water		Miscible with water	
Test after ignition		Passes test	
Acidity (as lactic acid)	%(w/w)		0.3
Arsenic	mg/kg		1.5
Cyanide	mg/kg		0.3
Heavy metals	mg/kg		5
Iron	mg/kg		10
Lead	mg/kg		2
Mercury	mg/kg		1
Citrate, oxalate, phosphate, tartrate		Passes test	
Reducing substances		Passes test	
Sugars		Passes test	
Methanol	ppm		50
Chloride	mg/kg		50
Sulfate	mg/kg		20
Volatile fatty acids		Passes test	

This batch complies with the current version of FCC, 231/2012/EC, JSFA, JECFA.

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