



CERTIFICATE OF ANALYSIS

Galactic name : Galaflow SL 60
Galactic ref. : SLFTL60
Product name : Sodium Lactate 60%

Lot N° : G-1702-224
Manufacturing date : 02.03.2017
Retest Date : 01.03.2021

Complies with : Eur Reg 231/2012 - FCC(1)

(1) Latest Edition

	Unit	Value
PHYSICO-CHEMICAL PROPERTIES		
Description	-	Clear, hygroscopic and syrupy solution. It is almost odourless and miscible with water
Density (@20° C/68° F)	g/mL	1.32 - 1.34
pH (fresh solution)	-	8,4
pH (20% solution)	-	7,5
SENSORY CHARACTERISTICS		
Colour (fresh solution)	Hazen	18
PURITY		
Positive test for lactate	-	Passes test
Positive test for sodium	-	Passes test
Sodium lactate content	% w/w	59,6
Sodium content	% w/w	12,2
Total acidity (as lactic acid)	% w/w	Max. 0.3
Stereochemical purity	% L(+)	Min. 97
Heavy metals (as Pb)	ppm	Max. 10
Iron	ppm	Max. 10
Chloride	ppm	Max. 50
Sulphate	ppm	Max. 20
Cyanide	ppm	Max. 0.3
Lead	ppm	Max. 2
Arsenic	ppm	Max. 1
Mercury	ppm	Max. 1
Reducing substances (sugars)	-	Passes test
Citrate, oxalate, phosphate or tartrate	-	Passes test
Methanol and methyl esters	ppm	Max. 50

All parameters are validated by direct analysis on the final product or through our in-process control and so not tested on every batch

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