



The Soap Kitchen (2011) Ltd
Unit 8, Caddsdawn Industrial Park, Clovelly Road,
Bideford, Devon, EX39 3DX, United Kingdom

Email: enquiries@thesoapkitchen.co.uk
Call: +44 (0) 1237 420 872

CERTIFICATE OF ANALYSIS

Galactic name :	GALAFLOW SL 60	Lot N° :	G-1910-096
Galactic ref :	SLFTL60	Manufacturing date :	18.10.2019
Product name :	Sodium Lactate 60%	Retest date :	17.10.2023
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)	-	8.1
pH (20% solution)	-	7.1
SENSORY CHARACTERISTICS		
Colour (fresh solution)	Hazen	21
PURITY		
Positive test for lactate	-	Passes test
Positive test for sodium	-	Passes test
Sodium lactate content	% w/w	59.3
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.

Approved by S. Debyttère, QC laboratory Manager, on October 22 ,2019

This document is generated by computer and therefore does not require a signature.