



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

Product Specification

Sodium L(+)-Lactate

60 % aqueous solution, food grade (EU, FCC)

Product name	Sodium L(+)-lactate 60% food grade	$C_3H_5O_3Na$
EC No.	212-762-3 (general 200-772-0)	
CAS No.	867-56-1 (general 72-17-3)	
E-No.	E 325	
Characteristics	Colourless, transparent liquid. Odourless or with a slight, characteristic odour.	
Assay		59.0 – 61.0 %
Stereochemical purity (L-isomer)		min. 97 %
Sodium content		12.1 – 12.6 %
Colour (fresh)		max. 50 apha
Identification		conforms
Density (20°C)		1.32 – 1.34 g/cm ³
Acidity (as lactic acid)		max. 0.3 % w/w
pH (20 % solution)		6.5 – 7.5
pH (direct)		6.5 – 8.5
Chloride		max. 50 mg/kg
Sulphate		max. 20 mg/kg
Cyanide		max. 0.3 mg/kg
Iron		max. 10 mg/kg
Arsenic		max. 1 mg/kg
Lead		max. 2 mg/kg
Mercury		max. 1 mg/kg
Heavy metals (as Pb)		max. 5 mg/kg
Methanol and methyl esters		max. 50 mg/kg
Citrate, oxalate, phosphate, tartrate		conforms
Reducing sugars		conforms

We herewith confirm that this product is specified to meet the requirements of Commission Regulation (EU) No 231/2012 and of the latest edition of the Food Chemical Codex (FCC). All analytical methods are in accordance with the latest requirements of the FCC or are equivalent. Test methods are available on request.