

FICHA TÉCNICA

LACTATO DE SODIO 60

Description Sodium lactate HQ 60 is the sodium salt of natural L-lactic acid, which is produced by fermentation of sugar. It has a mild saline taste, antimicrobial properties and is neutral by pH. Sodium lactate HQ 60 is the ultra pure food grade L-sodium lactate.

Product L-sodium lactate

Specification

Assay	59.0-61.0 % (w/w)
Assay sodium	12.1-12.5 % (w/w)
Stereochemical purity	min. 98 % (S)-enantiomer)
Color fresh	max. 25 Apha
Form	liquid
Density (20 °C)	1.32-1.34 g/ml
Positive test for lactate	passes test
Positive test for sodium	passes test
Refractive index 25 °C	1.421-1.424
Solubility	miscible with water

Purity

Acidity, as lactic acid	max. 0.3 % (w/w)
Arsenic (as As)	max. 1.5 ppm
Chlorides	max. 50 ppm
Citrate, oxalate, phosphate, tartrate	passes test
Cyanide	max. 0.3 ppm
Heavy metals total	max. 5 ppm
Iron	max. 5 ppm
Lead	max. 2 ppm
Mercury	max. 1 ppm
Methanol / methylesters (as methanol)	max. 50 ppm
pH (direct)	7.8-8.3
pH (10.0 g product + 90 g water)	max. 0.2
pH 1 + 5 (% v/v)	6.5-7.5
pH 20% (v/v)	6.5-7.5
Reducing substances	passes test
Sugars	passes test
Sulfates	max. 20 ppm
Volatile fatty acids	passes test

Physical-chemical-properties

Chemical name	Sodium-L-2-hydroxypropanoate
Molecular formula	CH3CHOHCOONa
Molecular weight	112 (anhydrous)

Regulatory / Registration

CAS number	867-56-1 (general 72-17-3)
Complies with	FCC, 231/2012/EC, JSFA, USP
ECOCERT	natural origin 100 %
EEC Additive number	E325 Sodium lactate

COSMOS-standard AISBL

Raw materials for COSMOS-standard cosmetics
Matières premières utilisables dans les cosmétiques COSMOS-standard

Enter key words in research fields below / Entrer les mots clés dans les cases de recherche ci-dessous
Click on the header to sort / Cliquer sur l'entête pour trier
Date of the update : Tuesday 23 June 2020

COSMOS-standard Definition

• **PPAI** = Physically Processed Agro-Ingredient / Agro-Ingédient Physiquement Transformé
• **CPAI** = Chemically Processed Agro-Ingredient / Agro-Ingédient Chimiquement Transformé
• **NNI** = Non Natural Ingredient / Ingrédients Non Naturels

* = concerned by appendices II and/or V

Number of Raw Materials Found / Nombre de Matières Premières trouvées : 1

COMMERCIAL NAME / NOM COMMERCIAL	INCI	FUNCTION	COSMOS Standard PPAI	COSMOS Standard CPAI	COSMOS Standard Sytto	COSMOS Standard NNI	COSMOS Standard Restriction	COMPANY / SOCIÉTÉ	APPROVED BY
RURASAL S/HQ 60	Sodium (S) Lactate		0	60	0	0		Coribon	ECOCERT

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