

CERTIFICATE OF ANALYSIS

Galactic name :	GALACID FOOD 80 - DSP	Lot N° :	G-2206-116
Galactic ref :	LAFYL80	Manufacturing date :	05.07.2022
Product name :	Lactic Acid 80% Food - DSP	Retest date :	04.07.2024
Complies with :	Eur Reg 231/2012 - FCC(1)		(1) Latest Edition

	Unit	Value
PHYSICO-CHEMICAL PROPERTIES		
Description	-	Yellow, syrupy and hygroscopic liquid. Soluble in water and alcohol
Density (@20°C/68°F)	g/mL	1.18 - 1.19
SENSORY CHARACTERISTICS		
Colour (fresh solution)	Hazen	225
PURITY		
Positive test for lactate	-	Passes test
Total acidity (as lactic acid)	% w/w	80.0
Stereochemical purity	% L(+)	Min. 97
Heavy metals (as Pb)	ppm	Max. 10
Iron	ppm	Max. 10
Calcium	ppm	Max. 10
Chloride	ppm	Max. 10
Sulphate	ppm	Max. 10
Sulphated ash	% w/w	Max. 0.1
Cyanide	ppm	Max. 5
Lead	ppm	Max. 0.5
Arsenic	ppm	Max. 1
Mercury	ppm	Max. 1
Reducing substances (sugars)	-	Passes test
Citric, oxalic, tartaric and phosphoric acids	-	Passes test

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 July 8 ,2022

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