

## CERTIFICATE OF ANALYSIS

<b>Galactic name :</b>	<b>GALACID FOOD 80</b>	<b>Lot N° :</b>	<b>G-2109-131</b>
<b>Galactic ref :</b>	<b>LAFCL80</b>	<b>Manufacturing date :</b>	<b>21.09.2021</b>
<b>Product name :</b>	<b>Lactic Acid 80% Food</b>	<b>Retest date :</b>	<b>20.09.2023</b>
<b>Complies with :</b>	<b>Eur Reg 231/2012 - FCC(1)</b>	<b>(1) Latest Edition</b>	

	<b>Unit</b>	<b>Value</b>
<b>PHYSICO-CHEMICAL PROPERTIES</b>		
Description	-	Syrupy and hygroscopic liquid.Soluble in water and alcohol
Density (@20°C/68°F)	g/mL	1.18 - 1.19
<b>SENSORY CHARACTERISTICS</b>		
Colour (fresh solution)	Hazen	102
<b>PURITY</b>		
Positive test for lactate	-	Passes test
Total acidity (as lactic acid)	% w/w	80.1
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 September 27 ,2021**

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