

Certificate of Analysis

LACTIC ACID 80% FOOD GRADE

Date:	28-10-2021	Our ref:	33700129
Product Code:	1622	Your ref:	BL/2563
Batch number:	210127 A2586	Production date:	28.08.2021
Batch number supplier:	L2108281601	Best before date:	28.08.2023
Complies with EU Reg 231/2012:	E270	CAS number:	79-33-4

Chemical/physical

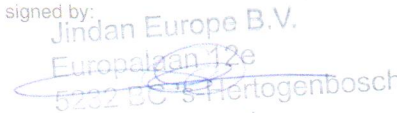
Parameter	Unit	Value	Method
Lactic Acid	%	80.1	ISO 8069
Color fresh	APHA	70	ISO 6271
Chloride content	ppm	<20	ISO 457
Ash Sulphated	%	<0.1	ISO 6384
Sulphate (S)	%	<0.005	ISO 2997
Purity	%	95	-
Total Traces Metals	ppm	<10	-
Iron(Fe)	ppm	<10	AOCS-CA-15-75
Lead(Pb)	ppm	<0.5	AOCS Ca 18c-91
Arsenic (As)	ppm	<3	AOAC 16th Ed. 986.15
Cyanide (CN)	ppm	<5	ISO 14403
Mercury (Hg)	ppm	<1	NL/25
Citrate, Oxalate, Phosphate, or Tartrate		passes FCC test	
Reducing sugars		passes FCC test	
Test for lactate		passes test	

1ppm = 1mg/kg = 0,0001%

Microbiology

Parameter	Unit	Value	Method
Total plate count	cfu/g	<1000	ISO 4833
Yeasts & Moulds	cfu/g	<100	ISO 21572-2
Salmonella	/25g	ND	ISO 6579

* Shelf Life - Maximum 24 months from production date when stored below 25°C in the original package.

signed by:

 Jindan Europe B.V.
 Europalaan 12e
 5232 BC 's Hertogenbosch
 The Netherlands
 A. Sengers QA Manager JINDAN Europe