

Certificate of Analysis

Gracefruit Ltd

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FK4 1QL

www.gracefruit.com

VAT Number: 935 8115 14

EORI Number: GB9358

1151 4000

Company Number:

SC374368

Date: 12/04/2016
Batch Number: 5110909
Product Name: Lactic Acid 88%

Analysis Parameters	Type	Limit 1	Limit 2	Result
Assay (%)	R	87.5	88.5	88.4
Stereochemical purity (L-isomer) min 97%	=	conforms		conforms
Colour (fresh) APHA	<	50		11
Colour (6 months, 25°C) <50	=	conforms		conforms
Identification	=	conforms		conforms
Sulphated ash (max 0.1%)	=	conforms		conforms
Chloride (max 10 mg/kg)	=	conforms		conforms
Sulphate (max 10 mg/kg)	=	conforms		conforms
Cyanide (max 5 mg/kg)	=	conforms		conforms
Iron (max 10 mg/kg)	=	conforms		conforms
Arsenic (max 1 mg/kg)	=	conforms		conforms
Lead (max 0.5 mg/kg)	=	conforms		conforms
Mercury (max 1 mg/kg)	=	conforms		conforms
Heavy metals (as Pb) (max 10 mg/kg)	=	conforms		conforms
Calcium (max 20 mg/kg)	=	conforms		conforms
Citric, oxalic, phosphoric, or tartaric acid	=	conforms		conforms
Readily carbonisable substances	=	conforms		conforms
Reducing sugars	=	conforms		conforms
Date of manufacture	D			03/11/15
Date of expiry	D			31/05/19

We confirm that this material conforms to the agreed specification. This certificate is computer generated and therefore does not require a signature.

Key

>: Greater than or equal to

<: Less than or equal to

=: Equals

R: Range

D: Date

