

Certificate of Analysis

GRACEFRUIT LTD

Date: 29/10/2019

209 Glasgow Road

Product Code: DL.03.P

Longcroft

Bonnybridge

Customer Code:

Order No: 066577

FK4 1QQ

Customer No: 19.09.19

UNITED KINGDOM

Batch Number: 20190301

Product Name: PANTHENOL

Quantity: 2 KEG

Picking List No: 066848

Analysis Parameters	Type	Limit 1	Limit 2	Result
Assay (%)	R	99.0	102	99.92
Melting Point (64.5-68.5C)	=	conforms		conforms
Loss on Drying (< 0.5 %)	=	conforms		conforms
Heavy Metals (<10ppm)	=	conforms		conforms
Aminopropanol (%)	<		0.1	0.021
Specific Rotation (-0.05 to 0.05)	=	conforms		conforms
Date of manufacture	D			05/03/2019
Recommended retest date	D			04/03/2021

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

T: Text