

Certificate of Analysis

GRACEFRUIT LTD

Date: 08/09/2016

146 Glasgow Road

Product Code: DL.03.P

Longcroft
Bonnybridge

Batch Number: 20160201

FK4 1QL

Product Name: Panthenol Powder

UNITED KINGDOM

Analysis Parameters	Type	Limit 1	Limit 2	Result
Assay (%)	R	99.0	102	99.91
Melting Point (C)	R	64.5	68.5	65.4
Residue on Ignition (%)	<	0.1		0.021
Heavy Metals (20 ppm)	=	conforms		conforms
Aminopropanol (%)	<	0.1		0.025
Specific Rotation (-0.05 to 0.05)	=	conforms		conforms
Date of Manufacture	D			04/02/16
Recommended retest date	D			03/02/18

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