

Certificate of Analysis

GRACEFRUIT LTD

146 Glasgow Road
Longcroft
Bonnybridge

FK4 1QL
UNITED KINGDOM

Batch Number: 17053001

Product Name: Panthenol Powder

Analysis Parameters	Type	Limit 1	Limit 2	Result
Assay (%)	R	99.0	102	99.20
Melting Point (64.5-68.5C)	=	conforms		conforms
Residue on Ignition (0.1% max)	=	conforms		conforms
Heavy Metals (<20ppm)	=	conforms		conforms
Aminopropanol (%)	<	0.1		0.01
Specific Rotation (-0.05 to 0.05)	=	conforms		conforms
Date of manufacture	D			15/05/17
Recommended retest date	D			15/05/20

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