

# Certificate of Analysis

## GRACEFRUIT LTD

**Date:** 15/03/2017

209 Glasgow Road

**Batch Number:** 20161002

Longcroft

Bonnybridge

**Product Name:** Panthenol Powder

FK4 1QQ

UNITED KINGDOM

Analysis Parameters	Type	Limit 1	Limit 2	Result
Assay (%)	R	99.0	102	99.85
Melting Point (C)	R	64.5	68.5	64.7
Residue on Ignition (%)	<	0.1		0.023
Heavy Metals (20 ppm)	=	conforms		conforms
Aminopropanol (%)	<	0.1		0.026
Specific Rotation (-0.05 to 0.05)	=	conforms		conforms
Date of Manufacture	D			10/10/2016
Recommended retest date	D			09/10/2018

**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