



Certificate of Analysis

Customer: The Soap Kitchen
Product: D-Panthenol 75 W
Batch Number: 200326F16
Reference: order: 30.06.20
Code: n/a
Quantity: 3 x 25kg nett wt Boxes

Test	Analysis	Specification
Appearance	Conforms	Colourless, viscous and clear liquid
Assay, %	77.7	75.0 - 78.5
Identification (IR Spectrum)	Positive reaction	Positive reaction
Specific Rotation (on dried basis), degrees	30.00	+29.5 - +32.0
Aminopropanol content, %	Conforms	1.0 maximum
Residue on Ignition, %	Conforms	0.1 maximum
Refractive Index	Conforms	1.466 - 1.475
Heavy Metals, ppm	Conforms	10 maximum
Organic Volatile Impurities	Conforms	USP Requirements
pH	Conforms	5.5 - 7.5

Date of Manufacture: 26/03/2020

Recommended Date of Re-Test: 25/03/2022

NK CHEMICALS EUROPE LTD

Issue date: 01/07/2020

Authorised signatory: This is an electronically generated document and is valid without a signature