



Certificado de Análisis

Pantenol

Product Name: AC-VB5 (D-Panthenol)
INCI Name: Panthenol
Lot No.: 210709AC01B
Manufacture Date: May 12th, 2021

ITEMS	SPECIFICATIONS	RESULTS
Appearance	Colorless, viscous and clear liquid	Complies
Identification	Positive reaction	Complies
Assay	98.0%-102.0%	101.1%
Water	≤1.0%	0.3%
Specific rotation	+29.0 -+31.5°	+30.3°
Refractive Index (20 °C)	1.495-1.502	1.496
Aminopropanol	≤1.0%	0.59%
Residual on ignition	≤0.1%	0.02%
Heavy metals	≤20ppm	Complies