

Certificate of Analysis

Product Name	D-Pantethine hydrate
Glenthams Code	GP3689
CAS Number	16816-67-4
EINECS	240-842-8
MDL Number	MFCD00151211
PubChem SID	310278500
Batch Number	963GGO

Molecular Weight	554.72 (anhydrous)
Molecular Formula	$C_{22}H_{42}N_4O_8S_2 \cdot xH_2O$
Storage Temp.	+4°C

Property	Specification	Batch 963GGO
Physical Description	Colourless to pale yellow liquid	Colourless liquid
Assay	≥ 98.0% (anhydrous)	98.6%
Heavy Metals (as Pb)	≤ 10ppm	Conforms
Arsenic (As)	≤ 1ppm	Conforms
Water	18.0 - 22.0 %	19.8%
Residue on Ignition	≤ 0.1%	Conforms

Specification Version	v1.0
Manufacture Date	2013-11-21
Re-Test Date	2023-03-04

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glenthams.com](http://www.glenthams.com) or contact us using the details above for the current version of this document.

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