

Specification

Technical Data Sheet

CAS 19356-17-3	STORAGE -15 to -20 °C	MOLECULAR WEIGHT 400.64
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PRODUCT**25-Hydroxyvitamin D3**

Product number	89983933
CAS number	19356-17-3
Molecular formula	C ₂₇ H ₄₄ O ₂ · H ₂ O
Molecular weight	400.64 g/mol

PARAMETER	SPECIFICATION
Appearance	White to off-white solid
Loss on Drying	≤ 5.0% (20°C/min, 30 - 450°C)
Purity (HPLC)	≥ 99.0%
Defined Potency (mass balance method)	≥ 94.0% w/w (%=100-[(Weight loss by TGA) x (HPLC Purity)/100])
Solubility	Slightly soluble in chloroform and methanol
Identification (1H-NMR,IR)	Conforms to Reference

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.
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