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Specification

Technical Data Sheet

CAS	SPECIFICATION	STORAGE	MOLECULAR WEIGHT
14484-47-0	**v1 · 06 Oct 2026**	**-15 to -20 °C**	**441.52**

PRODUCT

Deflazacort

Product number	11567251
CAS number	14484-47-0
Molecular formula	C25H31NO6
Molecular weight	441.52 g/mol

PARAMETER	SPECIFICATION
Appearance	White crystalline Powder
Assay	98% - 102%
Heavy metals	<20ppm
Loss on Drying	<0.5%
Melting Point	252°-258°C
Specific rotation	58° - 68°
Individual impurity	<0.5%
Particle Size	99% <10µm, 90% <5µm
Residual Solvents: DCM	<600ppm
Residual Solvents: Methanol	<3000ppm
Total Impurities	<1.5%
Identification (IR, UV, HPLC)	Complies with standard

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.

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

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