

Specification

Technical Data Sheet

CAS 50-02-2	STORAGE 2 to 8 &deg;C	MOLECULAR WEIGHT 392.46
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PRODUCT**Dexamethasone - USP CRS**

Product number	90035387
CAS number	50-02-2
Molecular formula	C ₂₂ H ₂₉ FO ₅
Molecular weight	392.46 g/mol

PARAMETER	SPECIFICATION
Appearance	White or almost white crystalline powder
Acetone	≤5000ppm
Identification	Complies with the standard
Loss on Drying	≤0.5%
Assay (UV, basis on drying)	97.0% ~ 103.0%
Chloroform	≤60ppm
Dimethylformamide	≤880ppm
Ethyl acetate	≤5000ppm
Methanol	≤3000ppm
Solubility	Practically insoluble in water, sparingly soluble in anhydrous ethanol, slightly soluble in methylene chloride.
Specific optical rotation	+75° ~ +80°
Total Impurities	≤1.0%
Any impurity	≤0.5%

**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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