

Dexamethasone

Pharmaceutical Ingredients · Issued 2026-10-10

1. IDENTIFICATION

Product name	Dexamethasone
Synonyms	9-Fluoro-16alpha-methylprednisolone
CAS number	50-02-2
Molecular formula	C ₂₂ H ₂₉ FO ₅
Molecular weight	392.46
Product type	Small molecule (corticosteroid)
Catalog code	RCB-0011

2. DESCRIPTION

Synthetic fluorinated glucocorticoid steroid.

3. TYPICAL PROPERTIES

Appearance	Stated on the Certificate of Analysis.
Purity (stated minimum)	>=99.0% (HPLC)

4. TEST METHODS

Appearance (Visual)	Conforms
Identity (1H-NMR)	Conforms: Consistent with structure
Identity (molecular mass) (LC-MS)	Conforms
Purity (HPLC (area %))	>= 99.0 %
Water content (Karl Fischer)	Report result

5. STORAGE, PACKAGING AND PRICE

Price	Quoted on request — from 1 kg; volume pricing on your quotation
Storage	Stated on the Safety Data Sheet and Certificate of Analysis supplied with each batch.
Packaging	Sealed, labelled containers suited to the order quantity; confirmed on your quotation.

6. REGULATORY INFORMATION

Classification	Supplied with buyer declaration
Status	Compliance Review Required

7. DOCUMENTATION

Released with your enquiry	Product specification, Certificate of Analysis (COA), Safety Data Sheet (SDS), Method of analysis (MOA), GMP certificate / manufacturing licence, Residual solvents statement (ICH Q3C), Elemental impurities statement (ICH Q3D), Nitrosamine risk assessment, DMF / CEP / ASMF letter of access, TSE/BSE statement, Stability and storage statement, Quality agreement, End-use / end-user declaration — request them online
----------------------------	--

Shipped with each order

Batch Certificate of Analysis, packing list, commercial invoice