

Sildenafil

Pharmaceutical Ingredients · Issued 2026-10-10

1. IDENTIFICATION

Product name	Sildenafil
Synonyms	UK-92480
CAS number	139755-83-2
Molecular formula	C22H30N6O4S
Molecular weight	474.58
Product type	Small molecule (PDE5 inhibitor)
Catalog code	RCB-0006

2. DESCRIPTION

Pyrazolopyrimidinone phosphodiesterase type 5 inhibitor.

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