

CERTIFICATE OF ANALYSIS OF REFERENCE STANDARD

Reference Standard

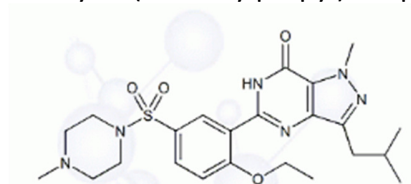
Date

Sildenafil EP Impurity A/Sildenafil Related Compound A/Sildenafil Isobutyl Analog

Catalogue no.: VL136003

Batch No.:

IUPAC Name: 5-[2-Ethoxy-5-[(4-methyl-4-oxido-1-piperazinyl) sulfonyl] phenyl]-1,6-dihydro-1-methyl-3-(2-methylpropyl)-7H-pyrazolo[4,3-d] pyrimidin-7-one.



Molecular Formula: C₂₃H₃₂N₆O₄S

Molecular weight: 488.6 g/mol

Sr.#	Test	Results	Data ref.
1	Appearance	Off white solid	-----
2	Purity by HPLC	>95.0%	Chromatogram attached
3	Mass	Conform	Report attached
4	¹ H NMR	Conform	Report attached

Storage condition: Store at 2-8°C, protect from direct sunlight and moisture.

This certificate of analysis is valid for three years from date of manufacturing, provided the substance is stored under suitable conditions.

Manufacturing date:

Retest date:

Document data reference:

Prepared by

Reviewed by

Approved by