

CERTIFICATE OF ANALYSIS

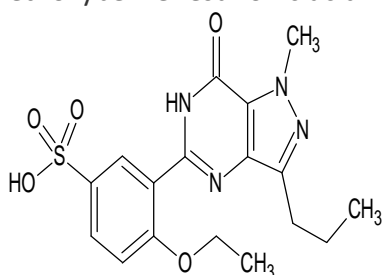
Reference Substance

Date

Sildenafil Impurity D

Batch No.

IUPAC Name: 3-(4,7-Dihydro-1-methyl-7-oxo-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl)-4-ethoxybenzenesulfonic acid

Molecular Formula: $C_{17}H_{20}N_4O_5S$

Molecular weight: 392.43

Sr.#	Test	Results	Data ref.
1	Appearance	Off-white to cream colored powder	-----
2	Purity by HPLC	95.00%	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.**Shipment date:**

This certificate of analysis is valid for two 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*