



COMMITTED FOR CHEMISTRY

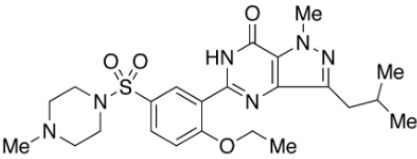
## SYNCHEMIA RESEARCH CHEMICAL

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### CERTIFICATE OF ANALYSIS

<b>Product Name:</b> Sildenafil EP Imp A		
<b>CAS NO:</b> 1391053-95-4		
<b>BatchNo:</b> SRC-RP-01-037		
<b>Date of Analysis:</b> 10 Oct 2022		
<b>Retest Date:</b> 10 Oct 2024		
<b>Structure:</b>		
		
<b>Chemical Name</b>	5-[2-Ethoxy-5-[(4-methyl-1-piperazinyl)sulfonyl]phenyl]-1,6-dihydro-1-methyl-3-(2-methylpropyl)-7H-pyrazolo[4,3-d]pyrimidin-7-one	
<b>Molecular Formula</b>	C <sub>23</sub> H <sub>32</sub> N <sub>6</sub> O <sub>4</sub> S	
<b>Molecular Weight</b>	488.6g/mol	
<b>Sr. No.</b>	<b>Test</b>	<b>Result</b>
1)	<b>Description</b>	Off-White Solid
2)	<b>Solubility</b>	Soluble in DMSO, Methanol
3)	<b>Identification</b>	
	1. Mass	Confirm to structure
	2. 1H NMR	Confirm to structure
4)	<b>Purity by HPLC</b>	98.22%
5)	<b>Potency Load By TGA</b>	97.52 %
<b>Long Term Storage condition</b>		Store at 2 <sup>o</sup> to 8 <sup>o</sup> c
<b>Shipping Condition</b>		Ambient
<b>Note:</b> This is only for Analytical testing purpose, not for Human or Animal Consumption.		
	Signature	Date
Checked By		
Approved By		

