











## CERTIFICATE OF ANALYSIS

**Date:** 02-12-2025

Product Name	Tadalafil EP Impurity E	Tadalafil EP Impurity E			
Chemical Name	(6R,12aR,12bR)-6-(1,3-Benzodiox b]quinoline-1,4,12(6H)-trione	(6R,12aR,12bR)-6-(1,3-Benzodioxol-5-yl)-6a-hydroxy-2-methyl-2,3,6a,7,12a,12b-hexahydropyrazino[1',2':1,5]pyrrolo[3,4-b]quinoline-1,4,12(6H)-trione			
Structure					
	HOH HOH				
Batch No.	-	CAS No.	1978322-99-4		
Analysis Date	-	Retest Date	2		
Mol. Formula	$C_{22}H_{19}N_3O_6$	Molecular Wt.	421.4		
Long term Storage Condition		Store at 2-8 °C in well closed	Store at 2-8 °C in well closed container		
Handling and Transit Condition		25-30 °C in well closed conta	25-30 °C in well closed container		

Test	Result		
Appearance	-		
Solubility	-		
1H-NMR	Conforms to structure		
MASS	Conforms to structure		
Chromatographic Purity	>90%		

Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

	Prepared By	Checked By	Approved By
Signature			
Date			

## **CLEANCHEM LABORATORIES LLP**