


CERTIFICATE OF ANALYSIS

Date: 25-04-2025

Product Name	Synthetic impurity mixture of HCQS		
Chemical Name	2-((4-((7-Chloroquinolin-4-yl)amino)pentyl)amino)ethan-1-ol 2-((4-((7-chloroquinolin-4-yl)amino)pentyl)(ethyl)amino)ethyl sulfate		
Structure			
Batch No.	Custom Synthesis	CAS No.	NA
Analysis Date	-	Retest Date	7
Mol. Formula	C ₁₆ H ₂₂ ClN ₃ O : C ₁₈ H ₂₆ ClN ₃ O ₄ S	Molecular Wt.	307.8 : 415.9
Long term Storage Condition	-		
Handling and Transit Condition	-		

Test	Result
Appearance	-
Solubility	-
¹ H-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

Plot No. A-737/2, TTC Industrial Area, MIDC Kopar Khairane, Navi Mumbai, Maharashtra, INDIA - 400710

 sales@cleanchemlab.com
  +91-9324132198
  www.cleanchemlab.com