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## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2022

Re-test Date: Jan 2025

**Product Name: Dihexyl Aminoquat Impurity of Colesevelam**

### Identification:

Chemical Name: 6,6'-azanediylbis(N,N,N-trimethylhexan-1-aminium) bromide hydrobromide

Synonyms : NA

CAS Number : 2170771-70-5

CAT Number : CP-C34002

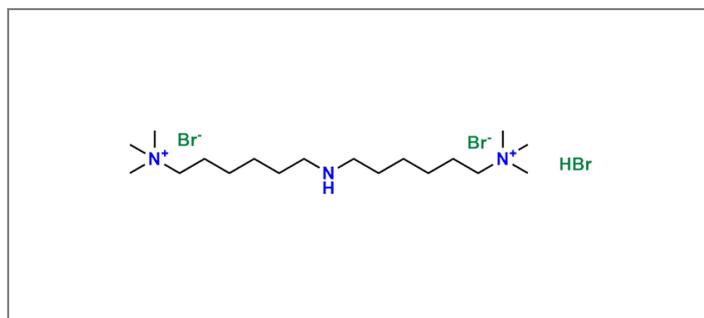
Molecular Formula : C<sub>18</sub>H<sub>43</sub>N<sub>3</sub> : HBr : 2Br

Molecular Weight : 301.6 : 80.9 : 2(79.9)

Batch Number : CHEM-AMINODIHEXYLQUAT-01

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Colourless Highly hygroscopic sticky liquid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.69%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Manager QC Analytical)

Approved By

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.