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CERTIFICATE OF ANALYSIS

Analysis Date:

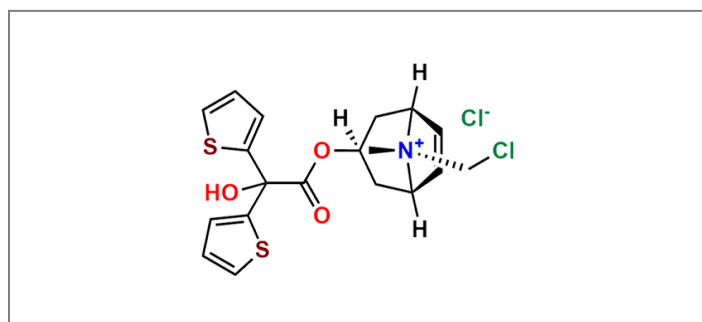
Re-test Date:

Product Name: Tiotropium Impurity J

Identification:

Chemical Name: (1R,3s,5S,8s)-8-(chloromethyl)-3-(2-hydroxy-2,2-di(thiophen-2-yl)acetoxy)-8-methyl-8-azabicyclo[3.2.1]oct-6-en-8-ium chloride

Synonyms : NA
CAS Number : NA
CAT Number : CP-T22017
Molecular Formula : C₁₉H₂₁ClNO₃S₂ : Cl
Molecular Weight : 51:36.0



Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	H1NMR	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.