Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank
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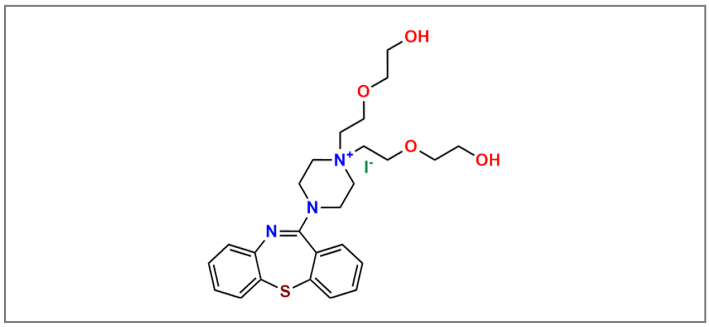
CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2025 Re-test Date: Mar 2027

Product Name: Quetiapine EP Impurity Q

Identification:

Chemical Name: 4-(Dibenzo[b,f][1,4]thiazepin-11-yl)-1,1-bis[2-(2-hydroxyethoxy)ethyl]piperazin-1-ium Iodide (as per EP)



Synonyms	:	Quetiapine Quaternary Salt (USP)
CAS Number	:	NA
CAT Number	:	CP-Q1017
Molecular Formula	:	C25H34N3O4S : I
Molecular Weight	:	472.60 : 126.91
Batch Number	:	CP-QUE-Q-0523
Storage Condition	:	Tightly closed, Inert atmosphere at -20° C
Shipping condition	:	At low temperature with dry ice and ice pack gel

Analytical Information:

Sr. No.	Test	Result
1)	Description	Pale Yellow Sticky Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	91.09%
5)	1HNMR	Confirm to structure
6)	Weight loss by TGA	1.36%
7)	Potency by TGA	89.85%

Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

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