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## CERTIFICATE OF ANALYSIS

Analysis Date: Jul 2024

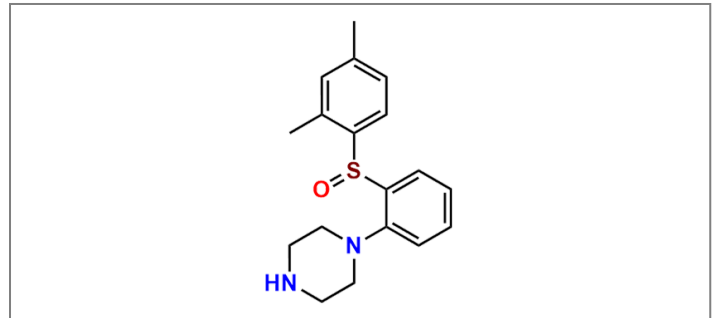
Re-test Date: Jun 2027

**Product Name: Vortioxetine Sulfoxide**

### Identification:

Chemical Name: 1-(2-((2,4-Dimethylphenyl)sulfinyl)phenyl)piperazine

Synonyms : NA  
CAS Number : 1429908-35-9  
CAT Number : CP-V36003  
Molecular Formula : C<sub>18</sub>H<sub>22</sub>N<sub>2</sub>O<sub>2</sub>S  
Molecular Weight : 314.45  
Batch Number : CP-VOR-SO-0624



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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.65%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	1.397%
8)	Potency by TGA	96.25%



**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.