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## CERTIFICATE OF ANALYSIS

Analysis Date: Apr 2026

Re-test Date: Mar 2029

**Product Name: Oxymetazoline EP Impurity A**

### Identification:

Chemical Name: N-(2-Aminoethyl)-2-[4-(1,1-dimethylethyl)-3-hydroxy-2,6-dimethylphenyl]acetamide hydrochloride

Synonyms : Oxymetazoline USP Related  
Compound A ; Oxymetazoline  
BP Impurity A

CAS Number : 1391053-50-1

CAT Number : CP-O15001

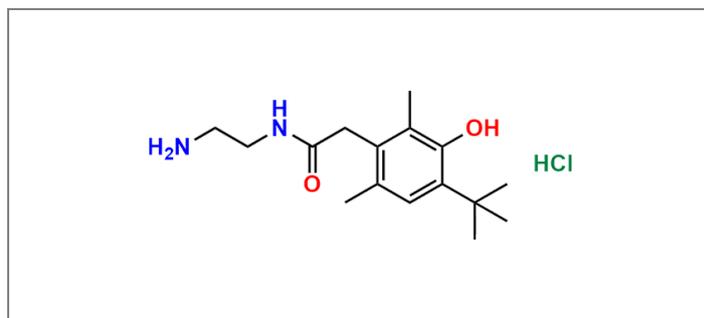
Molecular Formula : C<sub>16</sub>H<sub>26</sub>N<sub>2</sub>O<sub>2</sub> : HCl

Molecular Weight : 278.40 : 36.46

Batch Number : CP-OXY-A-0426

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	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	97.17%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	<sup>13</sup> C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	2.734%
9)	Potency by TGA	94.51%



**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.