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## CERTIFICATE OF ANALYSIS

Analysis Date: Mar 2026

Re-test Date: Feb 2029

**Product Name: Oxymetazoline EP Impurity C**

### Identification:

Chemical Name: 2-[4-(1,1-Dimethylethyl)-3-hydroxy-2,6-dimethylphenyl]acetamide

Synonyms : Oxymetazoline BP Impurity C

CAS Number : 55699-13-3

CAT Number : CP-O15003

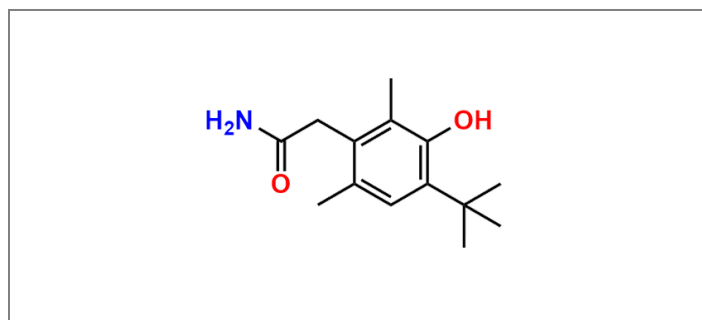
Molecular Formula : C<sub>14</sub>H<sub>21</sub>NO<sub>2</sub>

Molecular Weight : 235.33

Batch Number : CP-33-244

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	95.04%
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	0.102%
9)	Potency by TGA	94.94%



#### Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

#### Approved By

Mr. Abhijit Kale  
(Quality Assurance)

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