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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Oxymetazoline EP Impurity D**

### Identification:

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

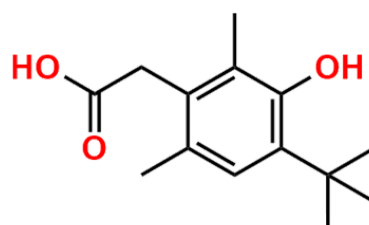
Synonyms : Oxymetazoline BP Impurity D

CAS Number : 55699-12-2

CAT Number : CP-O15004

Molecular Formula : C<sub>14</sub>H<sub>20</sub>O<sub>3</sub>

Molecular Weight : 236.31



### 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.