

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  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2025

Re-test Date: Jan 2026

**Product Name: Ambroxol EP Impurity C**

### Identification:

Chemical Name: Trans-4-[[[(E)-2-amino-3,5-dibromobenzylidene]amino]cyclohexanol

Synonyms : Dehydro Ambroxol

CAS Number : 50910-53-7

CAT Number : CP-A38003

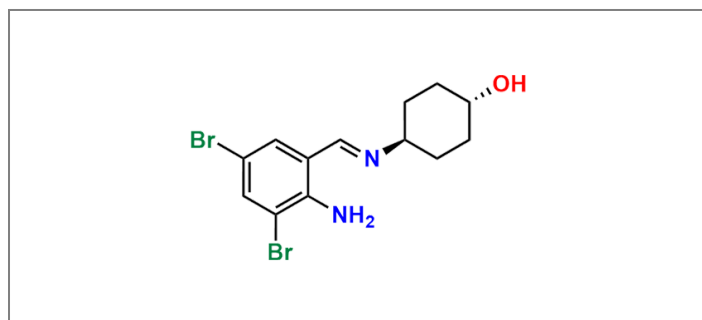
Molecular Formula : C<sub>13</sub>H<sub>16</sub>Br<sub>2</sub>N<sub>2</sub>O

Molecular Weight : 376.09

Batch Number : CP-AMB-C-0924

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 to off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to Structure
4)	Purity by HPLC	90.02 %
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.