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CERTIFICATE OF ANALYSIS

Analysis Date: Aug 2025

Re-test Date: Jul 2028

Product Name: Ambroxol EP Impurity D

Identification:

Chemical Name: Cis-4-[(2-amino-3,5-dibromobenzyl)amino]cyclohexanol hydrochloride

Synonyms : Cis-Ambroxol HCl

CAS Number : 1384955-66-1

CAT Number : CP-A38004

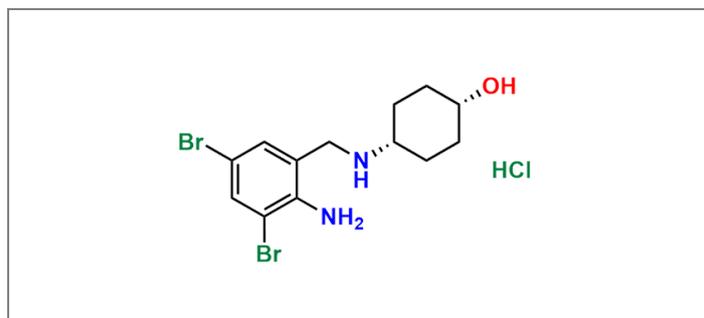
Molecular Formula : C₁₃H₁₈Br₂N₂O : HCl

Molecular Weight : 378.1 : 36.46

Batch Number : CP-AMB-D-0825

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	Colorless to Pale Yellow Sticky Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.46%
5)	¹ HNMR	Confirm to structure
6)	IR	Confirm to Structure



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.