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 Mob- +91 9284897978

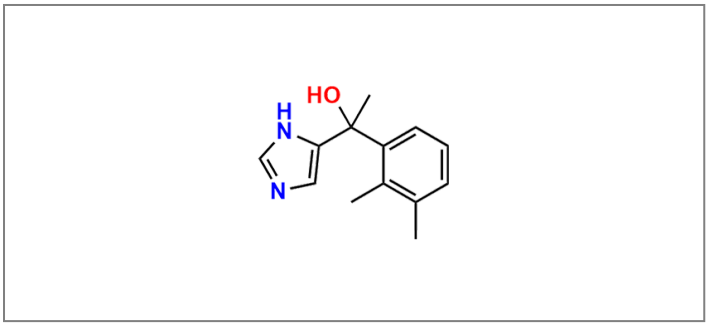
CERTIFICATE OF ANALYSIS

Analysis Date: Dec 2025 Re-test Date: Nov 2028

Product Name: Medetomidine Hydroxy Impurity

Identification:

Chemical Name: 1-(2,3-dimethylphenyl)-1-(1h-imidazol-5-yl)ethanoll)



Synonyms	:	NA
CAS Number	:	86347-12-8
CAT Number	:	CP-M8010
Molecular Formula	:	C13H16N2O
Molecular Weight	:	216.3
Batch Number	:	CP-MED-HYD-0224
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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	99.02%
5)	1HNMR	Confirm to structure
6)	Weight loss by TGA	0.336%
7)	Potency	99.10%

Prepared and Reviewed By

Mr. Shubham Bondre
(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.