

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: Nov 2025

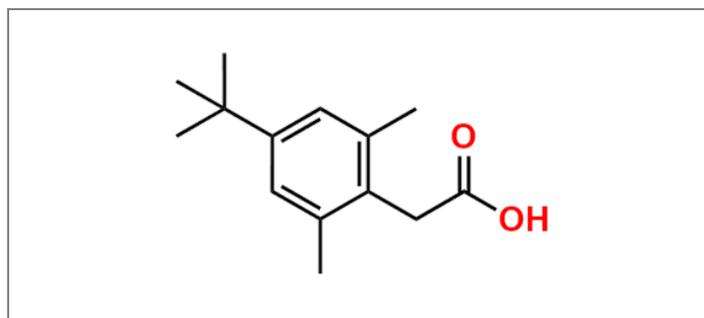
Re-test Date: Oct 2028

Product Name: Xylometazoline EP Impurity F

Identification:

Chemical Name: [4-(1,1-dimethylethyl)-2,6-dimethylphenyl]acetic acid (as per EP)

Synonyms : NA
CAS Number : 854646-92-7
CAT Number : CP-X1008
Molecular Formula : C₁₄H₂₀O₂
Molecular Weight : 220.31
Batch Number : CP-30-118



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	93.87%
5)	¹ HNMR	Confirm to Structure
6)	Weight loss by TGA	0.106%
7)	Potency by TGA	93.77%



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.