Certificate Of Analysis

Analysis Date: 13-05-2025 **Re-test Date:** 13-05-2028

AGOMELATINE IMPURITY 2

Identification

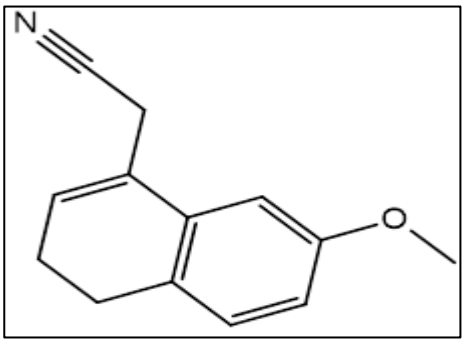
Chemical Name : Acetamide, N-[2-(3,4-dihydro-7-methoxy-1(2H)-naphthalenylidene)ethyl]-, (E)-(9CI)

CAT No : ALL-A04772

CAS No : 178677-39-9

Molecular Formula : C15H19NO2

Molecular Weight : 245.32



Analytical Information

Batch Code	: ALL-A04772	**HPLC Purity**	: 98.06%
Solubility	: MeOH: ACN	**Potency**	: 96.98%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8 ^{0}C	**IR Analysis**	: Confirm
Weight Content By TGA	: 0.470%	**1HNMR**	: Confirm
Residue Of Ignition	: 0.622%		

Additional Information

%Potency = [100 - (Inorganic Impurities % + Water %) × Chromatographic Purity%]/100 =

[100 – (0.470+0.622× 98.06]/100 = 96.98%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keche Director QA&QC	

Attachment : HPLC, Mass, 1H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office

Allmpus Laboratories Pvt Ltd 38, Solitaire Industrial Estate, Plot No.TS-1, Near Nandi Palace Hotel, MIDC-Phase 1, Dombivli (E),Mumbai, Maharashtra 421203