Certificate Of Analysis

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

AGOMELATINE IMPURITY 12

Identification

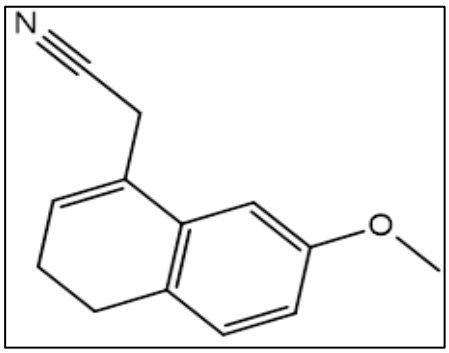
Chemical Name : 2-(7-Methoxy-3,4-dihydronaphthalen-1-yl)acetonitrile

CAT No : ALL-A08103

CAS No : 861960-34-1

Molecular Formula : C13H13NO

Molecular Weight : 199.3



Analytical Information

Batch Code	: ALL-A08103	**HPLC Purity**	: 98.06%
Solubility	: MeOH: ACN	**Potency**	: 97.37%
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8 ^{0}C	**IR Analysis**	: Confirm
Weight Content By TGA	: 0.284%	**1HNMR**	: Confirm
Residue Of Ignition	: 0.412%		

Additional Information

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

[100 – (0.284+0.412× 98.06]/100 = 97.37%

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

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