Certificate Of Analysis

Analysis Date: 14-01-2025 **Re-test Date:** 14-01-2028

ACEMETACIN IMPURITY 1

Identification

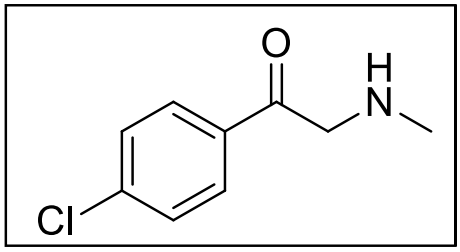
Chemical Name : 1-(4-Chlorophenyl)-2-(methylamino)ethan-1-one

CAT No : ALL-ACE-4626

CAS No : 77914-62-6

Molecular Formula : C9H10ClNO

Molecular Weight : 183.6



Analytical Information

Batch Code	: ALL-ACE-4626	**HPLC Purity**	: 98.89 %
Solubility	: MeOH: ACN	**Potency**	: 97.88 %
Appearance of Product	: Off White Solid	**Mass**	: Confirm
Long Term Storage	: 2-8^0 C	**IR Analysis**	: Confirm
Water Content By TGA	: 1.007 %	**1HNMR**	: Confirm
Residue Of Ignition	: 0.011 %		

Additional Information

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

[100 – (1.007+0.011) × 98.89]/100 = 97.88 %

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Swapnil Kausatkar 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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