CERTIFICATE OF ANALYSIS

(Certificate No. KMP010035-01)

Release Date: 12/03/2025 **Re-test Date:** 11/03/2028

Paracetamol EP Impurity J

Identification

Chemical Name :
N-(4-chlorophenyl)acetamide

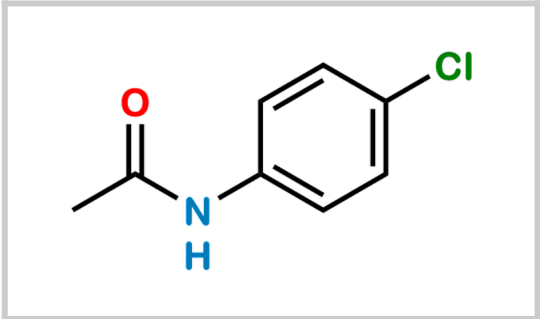
Alt. Name : Acetaminophen USP Related Compound J ; Chloroacetanilide (EP)

CAT No. : KMP010035

CAS No. : 539-03-7

Molecular Formula : C8H8ClNO

Molecular Weight : 169.6



Analytical Information

Batch No.	: P010035-091-268	**Solubility**	: Acetonitrile
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 99.95 %	**IR**	: Confirm
Weight Loss By TGA	: 0.57 %	**1H NMR**	: Confirm
% Potency	: 99.38 %		

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.57(Weight Loss By TGA)] x [99.95(HPLC Purity)]/100 = 99.38 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		07/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		07/04/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA