

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

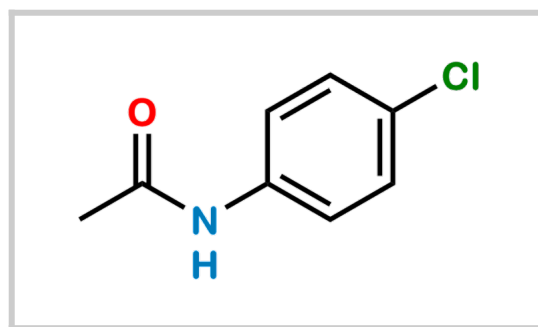
Alt. Name : Acetaminophen USP Related
Compound J ; Chloroacetanilide (EP)

CAT No. : KMP010035

CAS No. : 539-03-7

Molecular Formula : C₈H₈ClNO

Molecular Weight : 169.6



Analytical Information

Batch No. : P010035-091-268

Description : Off White Solid

HPLC Purity : 99.95 %

Weight Loss By TGA : 0.57 %

% Potency : 99.38 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

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