

CERTIFICATE OF ANALYSIS

(Certificate No. KMC017015-01)

Release Date: 29/10/2024

Re-test Date: 28/10/2027

2-((4-Chloro-2-nitrophenyl)amino)benzoic Acid

Identification

Chemical Name :

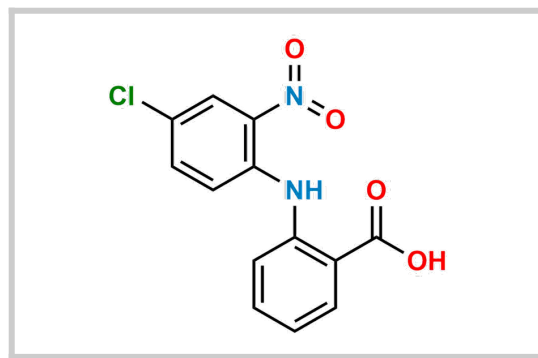
2-((4-Chloro-2-nitrophenyl)amino)benzoic acid

CAT No. : KMC017015

CAS No. : 60091-87-4

Molecular Formula : C₁₃H₉ClN₂O₄

Molecular Weight : 292.7



Analytical Information

Batch No. : C017015-091-013

Description : Orange Solid

HPLC Purity : 99.58 %

Weight Loss By TGA : 0.55 %

% Potency : 99.03 %

Solubility : ACN : Water (9:1)

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 = $[100 - 0.55(\text{Weight Loss By TGA})] \times [99.58(\text{HPLC Purity})]/100 = 99.03 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/10/2024
Reviewed & Approved By	Quality Control	Parag Patel		29/10/2024

Attachments : COA, HPLC, MASS, ¹H NMR, IR and TGA