

# 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 :**

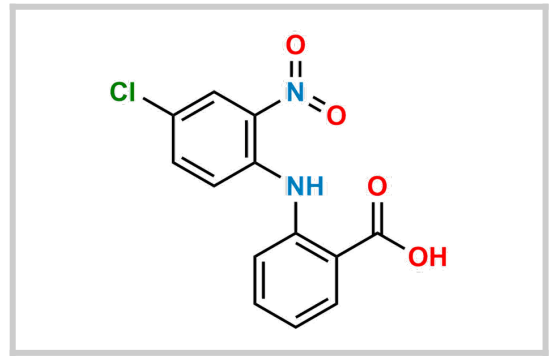
2-((4-Chloro-2-nitrophenyl)amino)benzoic acid

**CAT No.** : KMC017015

**CAS No.** : 60091-87-4

**Molecular Formula** : C<sub>13</sub>H<sub>9</sub>ClN<sub>2</sub>O<sub>4</sub>

**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

**<sup>1</sup>H 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(Weight Loss By TGA)] x [99.58(HPLC Purity)]/100 = 99.03 %

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		29/10/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Parag Patel		29/10/2024

**Attachments** : COA, HPLC, MASS, <sup>1</sup>H NMR, IR and TGA