

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP010004-01)

Release Date: 20/07/2024

Re-test Date: 19/07/2027

## Paracetamol KSM Impurity-3

### Identification

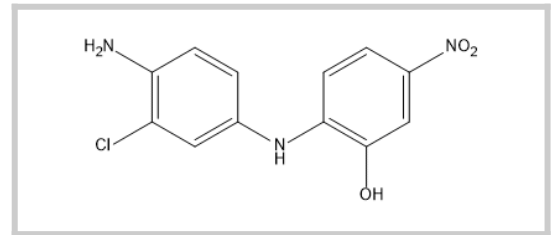
**Chemical Name :**  
2-((4-amino-3-chlorophenyl)amino)-5-nitrophenol

**CAT No.** : KMP010004

**CAS No.** : Not Available

**Molecular Formula** : C<sub>12</sub>H<sub>10</sub>ClN<sub>3</sub>O<sub>3</sub>

**Molecular Weight** : 279.68



### Analytical Information

**Batch No.** : PARA-P3-073-256

**Description** : Grey Solid

**HPLC Purity** : 93.03%

**% Potency** : 93.03 %

**Solubility** : Water : Methanol  
(1:1)

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

**D<sub>2</sub>O Exchange** : 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 - ] x [93.03(HPLC Purity)]/100 = 93.03 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		20/07/2024
Reviewed & Approved By	Quality Control	Jatin Patel		20/07/2024

**Attachments** : COA, HPLC, MASS, <sup>1</sup>H NMR, D<sub>2</sub>O Exchange and IR