

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP010001-01)

Release Date: 14/11/2024

Re-test Date: 14/11/2024

## Paracetamol Impurity X

### Identification

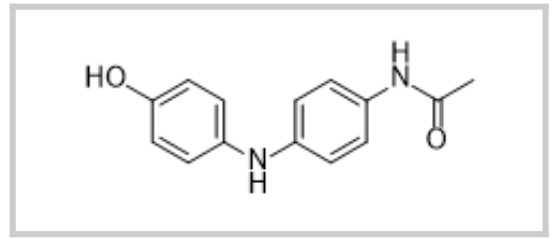
**Chemical Name :**  
N-(4-((4-hydroxyphenyl)amino)phenyl)acetamide

**CAT No.** : KMP010001

**CAS No.** : 93629-82-4

**Molecular Formula** : C<sub>14</sub>H<sub>14</sub>N<sub>2</sub>O<sub>2</sub>

**Molecular Weight** : 242.27



### Analytical Information

**Batch No.** : P010001-091-033

**Description** : Light Pink Solid

**HPLC Purity** : 99.34 %

**% Potency** : 99.34 %

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

**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 - ] x [99.34(HPLC Purity)]/100 = 99.34 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/11/2024
Reviewed & Approved By	Quality Control	Jatin Patel		14/11/2024

**Attachments** : COA, HPLC, MASS, <sup>1</sup>HNMR, IR