CERTIFICATE OF ANALYSIS

(Certificate No. KMP010008-02)

Release Date: 11/11/2024 **Re-test Date:** 10/11/2027

Paracetamol Impurity Y

Identification

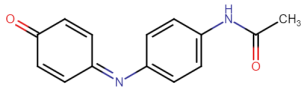
Chemical Name :
N-(4-((4-oxocyclohexa-2,5-dien-1-ylidene)amino)phenyl)acetamide

CAT No. : KMP010008

CAS No. : 2130910-69-7

Molecular Formula : C14H12N2O2

Molecular Weight : 240.26



Analytical Information

Batch No. : P010008-091-026

Description : Light Black Solid

HPLC Purity : 99.94 %

Weight Loss By TGA : 1.15 %

% Potency : 98.79 %

Solubility : Methanol : 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 - 1.15(Weight Loss By TGA)] x [99.94(HPLC Purity)]/100 = 98.79 %

Recommendation : Released

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

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA