

CERTIFICATE OF ANALYSIS

(Certificate No. KML014079-02)

Release Date: 20/02/2026

Re-test Date: 19/02/2029

Dimethylglyoxime

Identification

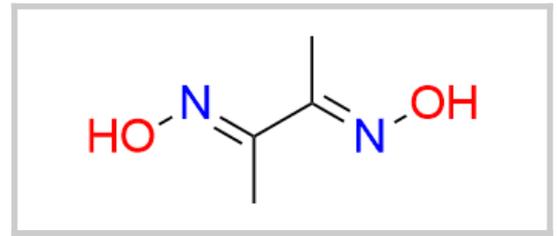
Chemical Name :
2,3-Butanedione, dioxime ; Diacetyldioxime

CAT No. : KML014079

CAS No. : 95-45-4

Molecular Formula : C₄H₈N₂O₂

Molecular Weight : 116.12



Analytical Information

Batch No. : L014079-114-172

Description : White Solid

HPLC Purity : 99.58 %

Weight Loss By TGA : 0.09 %

% Potency : 99.49 %

Solubility : Methanol

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 - 0.09(Weight Loss By TGA)] x [99.58(HPLC Purity)]/100 = 99.49 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		20/02/2026
Reviewed & Approved By	Quality Control	Jatin Patel		20/02/2026

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