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	**Solubility**	: Methanol
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.58 %	**IR**	: Confirm
Weight Loss By TGA	: 0.09 %	**1H NMR**	: Confirm
% Potency	: 99.49 %		

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, 1HNMR, IR and TGA