

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KML014079-01)

**Release Date:** 06/02/2026

**Re-test Date:** 05/02/2029

## **Dimethylglyoxime**

### **Identification**

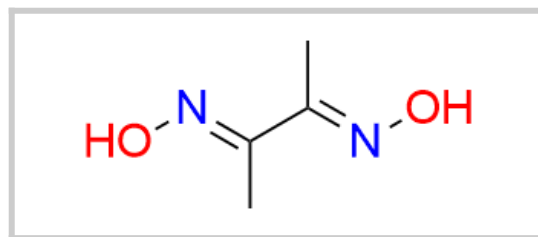
**Chemical Name :**  
2,3-Butanedione, dioxime ; Diacetyldioxime

**CAT No.** : KML014079

**CAS No.** : 95-45-4

**Molecular Formula** : 116.12

**Molecular Weight** : C<sub>4</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub>



### **Analytical Information**

**Batch No.** : L014079-102

**Description** : Off white solid

**HPLC Purity** : NLT 95.1 %

**Weight Loss By TGA** : NLT 0.1 %

**% Potency** : 95 %

**Solubility** : Acetonitrile

**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 - 0.1(Weight Loss By TGA)] x [95.1(HPLC Purity)]/100 = 95 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		06/02/2026
Reviewed & Approved By	Quality Control	Jatin Patel		06/02/2026

**Attachments** : COA, LC-MS, Mass, <sup>1</sup>H NMR, IR and TGA