# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001494-02)

**Release Date:** 20/06/2026 **Re-test Date:** 19/06/2029

## Ethylene Glycol

## Identification

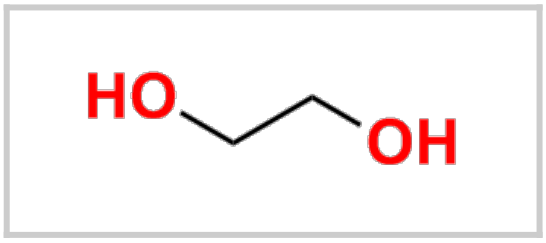
**Chemical Name** :
Ethane-1,2-diol

**CAT No.** : KMM001494

**CAS No.** : 107-21-1

**Molecular Formula** : C2H6O2

**Molecular Weight** : 62.07




## Analytical Information

| | | | |
|---|---|---|---|
| **Batch No.** | : M001494-136-033 | **Solubility** | : MDC |
| **Description** | : Colorless Liquid | **Mass** | : Confirm |
| **GC Purity** | : 99.99 % | **IR** | : Confirm |
| **Weight Loss By KF** | : 0.24 % | **1H NMR** | : Confirm |
| **% Potency** | : 99.75 % | | |

## 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 - 0.24(Weight Loss By KF)] x [99.99(GC Purity)]/100 = 99.75 %

**Recommendation** : Released

| | Department | Name | Signature | Date |
|---|---|---|---|---|
| **Prepared By** | Analytical | Jignesh Patel | | 20/06/2026 |
| **Reviewed & Approved By** | Quality Control | Jatin Patel | | 20/06/2026 |

**Attachments** : COA, GC, MASS, 1HNMR, IR and KF