

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMM001431-02)

**Release Date:** 06/09/2025

**Re-test Date:** 05/09/2028

## **1-Butanol**

### **Identification**

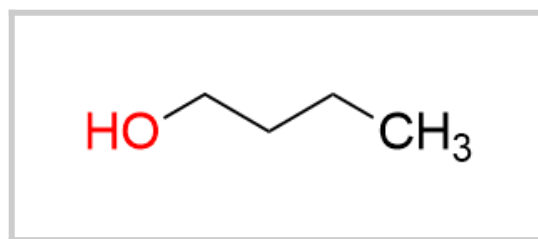
**Chemical Name :**  
butan-1-ol

**CAT No.** : KMM001431

**CAS No.** : 71-36-3

**Molecular Formula** : C<sub>4</sub>H<sub>10</sub>O

**Molecular Weight** : 74.12



### **Analytical Information**

**Batch No.** : M001431-102-268

**Solubility** : MDC

**Description** : Colorless Liquid.

**Mass** : Confirm

**GC Purity** : 99.97 %

**IR** : Confirm

**Weight Loss By KF** : 0.35 %

**<sup>1</sup>H NMR** : Confirm

**% Potency** : 99.62 %

### **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 - 0.35(Weight Loss By KF)] x [99.97(GC Purity)]/100 = 99.62 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Bhargav Kathiriya		09/09/2025
Reviewed & Approved By	Quality Control	Viraj Akabri		09/09/2025

**Attachments** : COA, GC, MASS, <sup>1</sup>HNMR, IR and KF