

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMM001447-01)

**Release Date:** 08/03/2025

**Re-test Date:** 07/03/2028

## **Benzothiazole**

### **Identification**

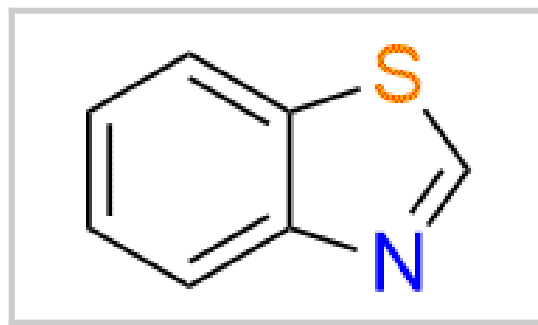
**Chemical Name :**  
benzo[d]thiazole

**CAT No.** : KMM001447

**CAS No.** : 95-16-9

**Molecular Formula** : C<sub>7</sub>H<sub>5</sub>NS

**Molecular Weight** : 135.19



### **Analytical Information**

**Batch No.** : M001447-091-252

**Description** : Light Yellow Liquid

**GC Purity** : 100.00 %

**Weight Loss By TGA** : 7.61 %

**% Potency** : 92.39 %

**Solubility** : Acetonitrile

**Mass** : Confirm

**IR** : Confirm

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

**<sup>13</sup>C 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 - 7.61(Weight Loss By TGA)] x [100.00(GC Purity)]/100 = 92.39 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/03/2025
Reviewed & Approved By	Quality Control	Jatin Patel		17/03/2025

**Attachments** : COA, GC, MASS, <sup>1</sup>HNMR, <sup>13</sup>CNMR IR and TGA