

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KML006010-01)

**Release Date:** 16/08/2024

**Re-test Date:** 15/08/2027

## **3-Chloro-1,2-Benzoisothiazole**

### **Identification**

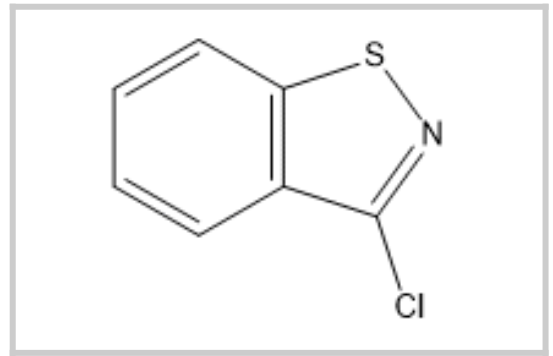
**Chemical Name :**  
3-chlorobenzo[d]isothiazole

**CAT No.** : KML006010

**CAS No.** : 7716-66-7

**Molecular Formula** : C7H4ClNS

**Molecular Weight** : 169.63



### **Analytical Information**

**Batch No.** : 3-CHL-BEN-073-343

**Description** : Colorless Crystal

**HPLC Purity** : 99.22 %

**Weight Loss By TGA** : 0.51 %

**% Potency** : 98.71 %

**Solubility** : Methanol

**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 - 0.51(Weight Loss By TGA)] x [99.22(HPLC Purity)]/100 = 98.71 %

**Recommendation** : Released

	<b>Department</b>	<b>Name</b>	<b>Signature</b>	<b>Date</b>
<b>Prepared By</b>	Analytical	Jignesh Patel		17/08/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Parag Patel		17/08/2024

**Attachments** : COA, HPLC, MASS, <sup>1</sup>H NMR, IR and TGA