

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMP021001-01)

**Release Date:** 06/05/2025

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

## **Parbendazole**

### **Identification**

**Chemical Name :**

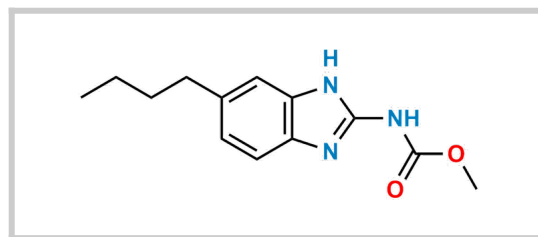
methyl (6-butyl-1H-benzo[d]imidazol-2-yl)carbamate

**CAT No.** : KMP021001

**CAS No.** : 14255-87-9

**Molecular Formula** : C<sub>13</sub>H<sub>17</sub>N<sub>3</sub>O<sub>2</sub>

**Molecular Weight** : 247.3



### **Analytical Information**

**Batch No.** : P021001-102-014

**Description** : Off White Solid

**HPLC Purity** : 99.96 %

**Weight Loss By TGA** : 0.52 %

**% Potency** : 99.44 %

**Solubility** : ACN : Water (1:1)  
+ Sonicate

**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 - 0.52(Weight Loss By TGA)] x [99.96(HPLC Purity)]/100 = 99.44 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		07/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		07/05/2025

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