



## CERTIFICATE OF ANALYSIS

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### 1. Identification

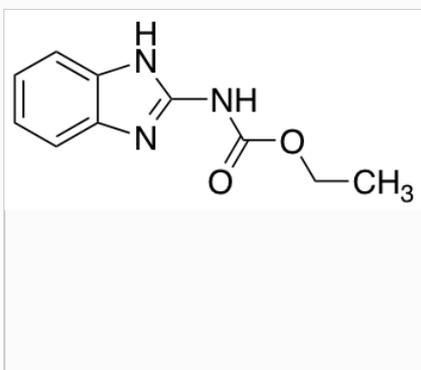
**Catalogue Number:** E903145

**CAS Number:** 6306-71-4

**Product:** Ethyl (1H-Benzo[d]imidazol-2-yl)carbamate

**Synonym:** 2-Carboethoxyaminobenzimidazole; 2-[(Ethoxycarbonyl)amino]benzimidazole; BEK; Benzimidazol-2-ylcarbamate Ethyl Ester; EBC; Ethyl 1H-Benzimidazol-2-ylcarbamate; Ethyl 1H-Benzimidazole-2-carbamate; Ethyl 2-Benzimidazolecarbamate; Ethyl 2-Benzimidazolylcarbamate; Ethyl N-(2-Benzimidazolyl)carbamate; Ethyl Benzimidazolylcarbamate; G 756; Lobendazole; NSC 42044; SKF 24529;

**Structure:**



**Molecular Formula:**

C<sub>10</sub>H<sub>11</sub>N<sub>3</sub>O<sub>2</sub>

**Molecular weight:**

205.21

**Source of Product:**

Synthetic

**Solubility:**

DMSO (Slightly), Methanol (Slightly)

**Lot Number:** 3-RMT-125-4

**Purity:** 98%

**Shipping Condition:** This Product Is Stable To Be Shipped At Room Temperature

**Storage Condition:** -20°C

### 2. Warning

**Warning 1:**

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Pale Beige to Pale Brown Solid	Pale Brown Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 57.67, %H: 5.30, %N: 19.61
HPLC Purity	Report Result	99.79% (225 nm)

**Additional Information:** N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

### 4. Signatures

**Reviewed By**

Nicole Yip



**Reviewed By**

Toni Rantanen



**C of A Approved  
By**

Chanell Chu



**Test Date**

7/6/2023

**Retest Date**

7/4/2027