

# Chem-Impex International, Inc.

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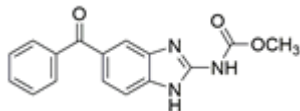
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications



**Catalogue Number** 38050

**Product** **Mebendazole**

Methyl [5-(Benzoyl)benzimidazol-2-yl]carbamate

**CAS Number** 31431-39-7

**Molecular Formula** C<sub>16</sub>H<sub>13</sub>N<sub>3</sub>O<sub>3</sub>

**Molecular Weight** 295.3

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**Appearance** White to slightly yellow powder

**Loss on Drying** ≤ 0.5% (105 °C, 4h)

**Related Substances** 2-Amino mebendazole A : ≤ 0.25%, 2-Hydroxy mebendazole B : ≤ 0.25%, Ethyl mebendazole D : ≤ 0.25%  
2-Amino-1-methyl mebendazole C : ≤ 0.25%, Mebendazole related compound D : ≤ 0.25%, Toluoyl mebendazole E : ≤ 0.25%

**Residue On Ignition** ≤ 0.1%

**Assay** 98 - 102% (On dried basis)

**Grade** Meets USP Specification

**Storage** Store at 2 - 8 °C

**Additional Information** Identification :  
Test for A : Infrared spectroscopy : Conforms to structure  
Test for B : Test for Assay : To pass test  
Mebendazole dimer F : ≤ 0.5%, Any other unspecified impurity : ≤ 0.10%,  
Total impurities : ≤ 1%

**For Laboratory Use Only**