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CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2025

Re-test Date: Jan 2028

Product Name: Albendazole EP Impurity B

Identification:

Chemical Name: Methyl N-[5-(propylsulfinyl)-1H-benzimidazol-2-yl]carbamate (as per EP)

Synonyms : Albendazole Sulfoxide ;
Ricobendazole ; Albendazole
oxide

CAS Number : 54029-12-8

CAT Number : CP-A10002

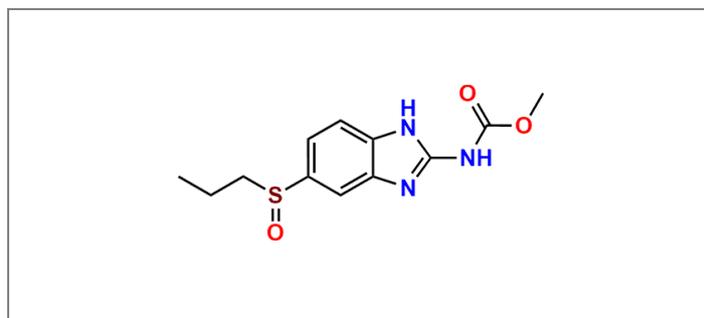
Molecular Formula : C₁₂H₁₅N₃O₃S

Molecular Weight : 281.3

Batch Number : CP-ALB-B-0225

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is
mention in the COA



Analytical Information:

| Sr. No. | Test | Result |
|---------|--------------------|--------------------------|
| 1) | Description | White Solid |
| 2) | Solubility | Soluble in Methanol/DMSO |
| 3) | MASS By LCMS | Confirm to structure |
| 4) | Purity By HPLC | 99.04% |
| 5) | ¹ H NMR | Confirm to structure |
| 6) | IR | Confirm to Structure |
| 7) | Weight loss by TGA | - |
| 8) | Potency by TGA | - |



Prepared and Reviewed By



Ms Priyanka Salunkhe
(Quality Control)

Approved By



Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.