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CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2025

Re-test Date: Aug 2028

Product Name: 4-Methyl-1H-benzimidazole-2-carboxylic acid

Identification:

Chemical Name: 4-Methyl-1H-benzimidazole-2-carboxylic acid

Synonyms : NA

CAS Number : 673487-32-6

CAT Number : CP-R5065

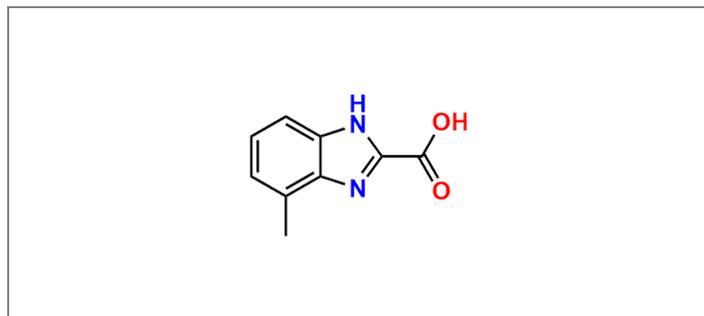
Molecular Formula : C₉H₈N₂O₂

Molecular Weight : 176.17

Batch Number : CP-MBA-CA-0925

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	Off White to Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.65%
5)	¹ H NMR	Confirm to structure
6)	¹³ C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	9.681%
9)	Potency by TGA	90.00%



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.