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CERTIFICATE OF ANALYSIS

Analysis Date: Sep 2025

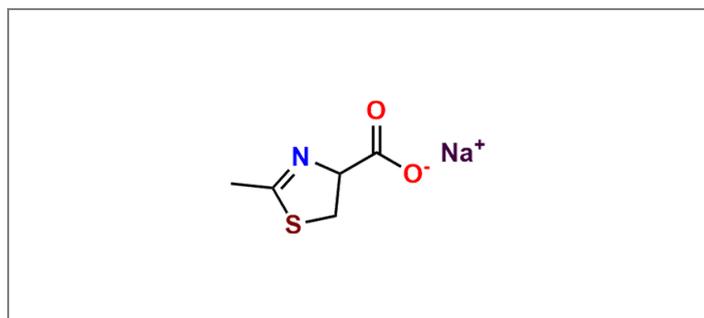
Re-test Date: Aug 2028

Product Name: Acetylcysteine Impurity 1

Identification:

Chemical Name: 2-Methyl-4,5-dihydrothiazole-4-carboxylic acid, sodium salt

Synonyms : NA
CAS Number : 15058-19-2
CAT Number : CP-A79006
Molecular Formula : C₅H₇NO₂S : Na
Molecular Weight : 145.2 : 23.0
Batch Number : CP-ACE-01-0925
Storage Condition : Tightly closed, Inert atmosphere at -20° C
Shipping condition : At low temperature with dry ice and ice pack gel



Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	98.88%
5)	¹ HNMR	Confirm to structure
6)	¹³ CNMR	Confirm to Structure
7)	IR	Confirm to Structure



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.