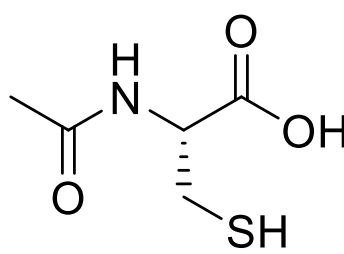




Certificate of Analysis

MedKoo Cat#:	Product Name:	Lot#:
571510	Acetylcysteine	C21M01C04

Chemical name	
Cysteine, N-acetyl-, L-	
Synonyms	
Acetylcysteine; Parvolex; Mucosil	
Chemical structure	CAS# and Theoretical analysis
	MedKoo Cat#: 571510 Name: Acetylcysteine CAS#: 616-91-1 LOT#: C21M01C04 Chemical Formula: C ₅ H ₉ NO ₃ S Exact Mass: 163.0303 Molecular Weight: 163.19

Analysis item	Specifications / Results
Appearance	White to off-white solid powder
Structure	¹ H-NMR analysis matches the structure. MS analysis gives the correct molecule weight. Both NMR and MS data are consistent with those reported in the literature.
Purity (HPLC)	>95.0%
Solubility	Soluble in DMSO
Conclusion	This product conforms with MedKoo's quality standards
Shipping condition	Shipped under ambient temperature as non-hazardous chemical. This product is stable for a few weeks during ordinary shipping and time spent in customs.
Storage condition	Short term storage (weeks): 0 – 4 °C under dry condition Long term storage (months): -20 °C under dry condition
Shelf life	At least 5 years if properly stored.

CAUTION: NOT FULLY TESTED. FOR RESEARCH ONLY, NOT FOR HUMAN USE