



**AMRESCO LLC**

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ISO 9001 CERTIFIED  
ISO 13485 CERTIFIED

**CERTIFICATE OF QUALITY / CERTIFICATE OF ANALYSIS**

**N-Acetyl-L-Cysteine**

**Code: 0108**

Chemical Formula:	C5H9NO3S	Manufacture Date:	(batch specific)
Molecular Weight:	163.19	Expiration/Reassay Date:	(batch specific)
CAS #:	616-91-1		
Appearance:		Storage:	Room Temperature
White crystalline powder		Grade:	USP GRADE

**Additional Information**

TEST	SPECIFICATION	DISPOSITION
Heavy Metals	<= 0.001 %	PASS
Identification	PASS	PASS
Loss on Drying	<= 1.0 %	PASS
pH (1%, Water) @25C	2.0 - 2.8	PASS
Purity	98.0 - 102.0 %	PASS
Residue after Ignition	<= 0.5 %	PASS
Specific Rotation	+21 - +27 degrees	PASS

Spec Set: 0108USP

Analysis may have been rounded to significant digits in specification limits.  
Product meets analytical specifications of the grades listed.

Residual Solvents, if applicable will be reported for actual batch number only.

Internal ID #: 269

Signature: \_\_\_\_\_  
Title:

Date Printed: 02/26/2016