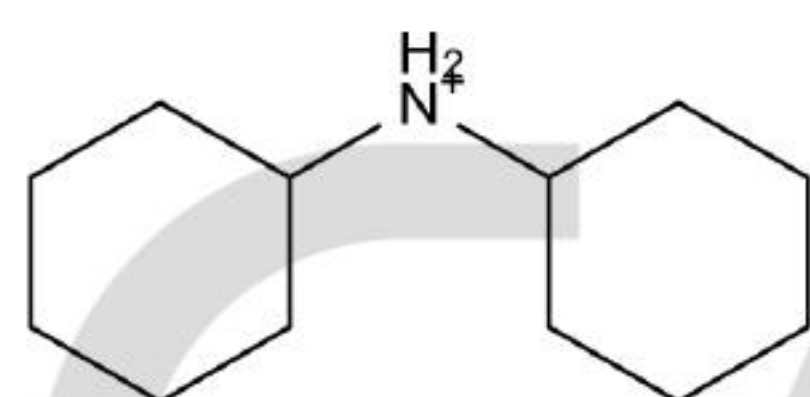
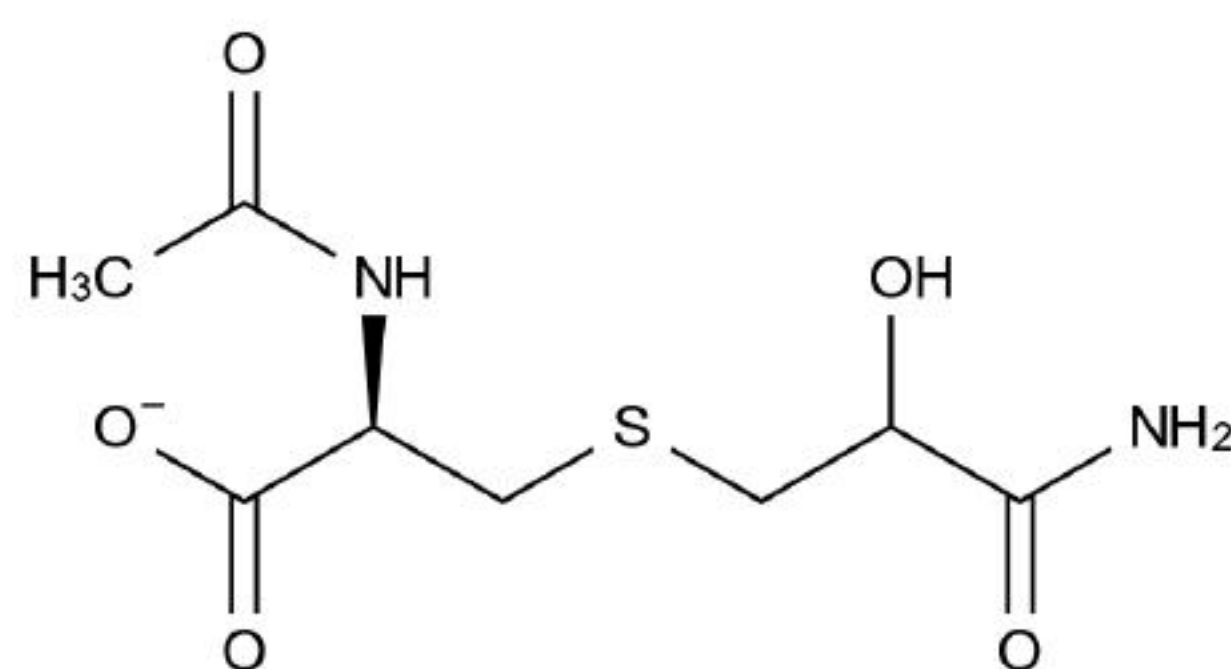


Certificate of Analysis

Reference Material

Product Name:	N-Acetyl-S-(2-hydroxy-3-propionamide)-L-cysteine Dicyclohexylammonium Salt	Catalogue Number:	C4X-153248
Chemical Name:	N/A	Lot Number:	1228-RD-0042
CAS Number:	137698-08-9(free acid)	Expiry Date:	Oct 13, 2025
Molecular Formula:	C ₈ H ₁₃ N ₂ O ₅ S C ₁₂ H ₂₄ N	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	249.26 182.33		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.37%
Water Content	Karl Fischer	5.1%
Assay		93.4%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100%-Water Content) * Purity HPLC (%) / 100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nacy

Reviewed by:

Xenia

Aporoved by General manager:

David

Date: Oct 14, 2021

Date: Jan 13, 2023

Date: Jan 13, 2023

Tel: +86-20-81960175

Fax: +86-20-81717260

Email: supports@cato-chem.com

Web: www.cato-chem.com

Add: Room 101, Building B, No.179, Guangpu East Road, Huangpu District, Guangzhou(Location: Room 301, Room 401, Room 501)

