

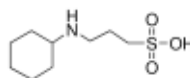
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
CAPS - BioXtra, ≥99%

Product Number: **C6070**
CAS Number: 1135-40-6
MDL: MFCD00003837
Formula: C₉H₁₉NO₃S
Formula Weight: 221.32 g/mol



TEST	Specification
------	---------------

Appearance (Color)	White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
0.5 M, H ₂ O (20 Deg C)	
pH	3.0 - 7.0
0.5 M Solution (20 Deg C)	
Residue on ignition (Ash)	≤ 0.1 %
Insoluble matter	≤ 0.1 %
Chloride Content	≤ 0.05 %
Sulfate (SO ₄)	< = 0.05%
Aluminum (AL)	≤ 0.0005 %
Phosphorus (P)	≤ 0.005 %
Lead (Pb)	≤ 0.001 %
Iron (Fe)	≤ 0.0005 %
Copper (Cu)	≤ 0.0005 %
Zinc (Zn)	≤ 0.0005 %
Calcium (Ca)	≤ 0.0005 %
Magnesium (Mg)	≤ 0.0005 %
Sodium (Na)	≤ 0.005 %
Potassium (K)	≤ 0.005 %
A ₂₆₀ UV Absorption	≤ 0.2
0.5 M	

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

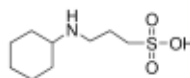
3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:
CAPS – BioXtra, ≥99%

Product Number: C6070
CAS Number: 1135-40-6
MDL: MFCD00003837
Formula: C₉H₁₉NO₃S
Formula Weight: 221.32 g/mol



TEST	Specification
A280 UV Absorption 0.5 M	≤ 0.2
Ammonia (NH ₃)	≤ 0.05 %
Water (by Karl Fischer)	≤ 1 %
Titration with NaOH (Anhydrous)	≥ 99 %
Infrared spectrum	Conforms to Structure
Recommended Retest Period 3 years	-----

Specification: PRD.2.ZQ5.10000053048

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.