



**Buckton
Scott
Deutschland**

Specification	DATE:	23.10.2023
N-Acetyl L-Cysteine	TEST METHOD:	USP, EP

Item	Specification
CAS no.	616-91-1
Identification Test A (specific optical rotation) Infrared Spectrum	Complies Complies
Solubility	Freely soluble in water and in alcohol (96%), practically insoluble in methylene chloride
Appearance Appearance of solution Assay Specific rotation Melting point Loss on drying Sulphated ashes pH Heavy metals Lead Cadmium Mercury Arsenic Zinc Tapped density Particle size	White crystalline powder Clear and colorless 98.5% - 101.0% 21.0° ~ 27.0° 104°C ~ 110°C ≤0.5% ≤0.2% 2.0 - 2.8 ≤10ppm ≤2ppm ≤1ppm ≤0.1ppm ≤1ppm ≤5ppm 0.75-0.85 g/ml 100% Pass Through 20 mesh
Related substances	
A: L-cystine B: L-cysteine C: NN-diacetyl-L-cystine D: NS-diacetyl-L-cystein Any other impurity Sum of impurities	≤ 0.1 % ≤ 0.2 % ≤ 0.3 % ≤ 0.15 % ≤ 0.1 % ≤ 0.5 %
Microbiological Limits	

INFORMATION ABOVE AS RECEIVED FROM OUR SUPPLIER

INGREDIENTS WORLDWIDE

Buckton Scott Deutschland GmbH
Bankplatz 1a
38100 Braunschweig, Germany
Phone +49 (0)5316 183 82-0
E-mail info@bucktonscott.de
www.bucktonscott.de
www.buckton-bio.de

Geschäftsführer Christian Hanke
St.-Nr. 14/213/08018
Amtsgericht Braunschweig
HRB 20 33 17



DE-ÖKO-039
EU/non-EU
Agriculture





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Total Plate Count Yeasts & molds E.coli Salmonella Staphylococcus aureus	≤1000cfu/g ≤100cfu/g Negative/25g Negative/25g Negative/25g
Storage condition Packing Shelf life Country of Origin Remarks	Keep in well-closed containers under room temperature away from light, humidity and heat sources 25kg/drum 3 years China Vegan/Non Animal Source. For food use only, not for API grade

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38100 Braunschweig, Germany
Phone +49 (0)5316 183 82-0
E-mail info@bucktonscott.de
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www.buckton-bio.de

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