



Product Specification

Product Name: N-Acetyl-L-cysteine
Cat #: A-110
CAS #: 616-91-1
Storage: Store desiccated at -20°C.

Test	Specifications
Color	white to slightly off-white
Form	powder
Loss on Drying (70°C, vacuum, 4 hours)	≤2.0%
Specific Optical Rotation [α] _D (c = 5 at pH 7 according to USP)	21.0 to 27.0
pH-Value (c = 1 in water)	2.0 to 2.8
Quantitative ¹ H-NMR (calculated on dry matter)	≥98%
FT-IR Spectrum	corresponds to reference spectrum
¹ H-NMR Spectrum	corresponds to assigned structure
¹³ C-NMR Spectrum	corresponds to assigned structure

GOLD BIOTECHNOLOGY, INC. provides this Product Specification in good faith. Specifications are subject to change.

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