



河北华恒生物科技有限公司
Hebe Huaheng Biological Technology Co., Ltd

SPECIFICATION SHEET

PRODUCT NAME: N-Acetyl-L-Cysteine
CAS #: 616-91-1

Item	Specification	Test Method
Description	White crystals or crystalline powder	Observe
Identification	Infrared absorption	Infrared spectrophotometer
Assay,%	98.5~101.0	Titration
pH value	2.0 ~ 2.8	Acidmeter determination
Melting point, °C	106 - 110	Melting point instrument
Specific optical rotation $[\alpha]_{D20}^{\circ}$	+21.30~ +27.00	polarimeter
State of solution (Transmittance) min	98	Light detector
Loss on drying,% max	0.5	AJI
Residue on ignition, % max	0.2	AJI
Chloride (Cl) , % max	0.04	Colorimetry
Sulfate (SO ₄),% max	0.03	Colorimetry
Ammonium (NH ₄), % max	0.02	Colorimetry
Heavy metals (Pb) ,% max	0.001	Colorimetry
Iron (Fe) , % max	0.002	Colorimetry
Arsenic(asAS ₂ O ₃),% max	0.0001	Colorimetry
Other amino acids	Chromatographically not detectable	Chromatograph

Shelf life (保质期):Two years

Country of origin (原产国) :China

Standard (符合标准) : AJI92

Package Size (包装规格) :25KG/drum

Storage (储存条件) :Light shelter at normal temperature