

SPECIFICATION

JUNSEI CHEMICAL CO.,LTD.
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Product Code 11046-9050
Commodity N-Acetyl-L-cysteine
Grade The Japanese Standards of Quasi-Drug Ingredients
Q'ty 1kg

[Test Item]	[Standard]	CASNo.616-91-1
ASSAY (Dried)	min. 98.0 %	
Appearance	To pass test	
Identification (1)	To pass test	
Specific rotation $[\alpha]_D^{20}$	+21.0~+27.0 °	
Purity test		
(1) Solubility	To pass test	
(2) Chloride	max. 0.040 %	
(3) Sulfates	max. 0.030 %	
(4) Ammonium	max. 0.020 %	
(5) Heavy metals	max. 20 ppm	
(6) Iron	max. 5 ppm	
(7) Arsenic	max. 2 ppm	
Drying loss	max. 0.6 %	
Ignition residue	max. 0.20 %	