


# CERTIFICATE OF ANALYSIS

Product Name:	<u>N-Acetyl-L-Methionine</u>	Report Date:	<u>Aug 04, 2017</u>
Formula:	<u>C<sub>7</sub>H<sub>13</sub>NO<sub>3</sub>S</u>	Batch No.:	<u>170802</u>
CAS No.:	<u>65-82-7</u>	Manu. Date:	<u>Aug 02, 2017</u>
Inspection Standard:	<u>AJI92</u>	Exp. Date:	<u>Aug 01, 2019</u>

## RESULTS OF ANALYSIS

Test Items	Specifications	Results
Appearance	White crystals or crystalline powder	Conforms
Specific rotation $[\alpha]_D^{20}$	-18.0° to -22.0°	+26.1°
Identification	Infrared Absorption	Conforms
State of solution (Transmittance)	Clear and colorless Not less than 95.0%	98.0%
Heavy Metals(Pb)	Not more than 20ppm	<20ppm
Arsenic	Not more than 2ppm	<2ppm
Other amino acids	No spot	Conforms
Loss on drying	Not more than 0.50%	0.25%
Residue on ignition(sulfated)	Not more than 0.10%	0.04%
Assay	99.0% to 100.5%	99.8%
PH	1.7 to 3.0	2.3
<b>Conclusion:</b>	Conforms to the specifications of AJI92.	

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