


CERTIFICATE OF ANALYSIS

Product Name:	<u>N-Acetyl-L-Thioproline</u>	Report Date:	<u>Aug 04, 2017</u>
Formula:	<u>C₇H₉NO₃S</u>	Batch No.:	<u>170802</u>
CAS No.:	<u>54323-50-1</u>	Manu. Date:	<u>Aug 02, 2017</u>
Inspection Standard:	<u>In-house Standard</u>	Exp. Date:	<u>Aug 01, 2019</u>

RESULTS OF ANALYSIS

Test Items	Specifications	Results
Appearance	White crystals or crystalline powder	Conforms
Specific rotation $[\alpha]_D^{20}$	-128° to -138°	-130.5°
State of solution (Transmittance)	Clear and colorless Not less than 98.0%	99.0%
Iron(Fe)	Not more than 10ppm	<10ppm
Heavy Metals(Pb)	Not more than 10ppm	<10ppm
Arsenic	Not more than 1ppm	<1ppm
Loss on drying	Not more than 0.5%	0.08%
Residue on ignition(sulfated)	Not more than 0.2%	0.06%
Assay	98.5% to 101.0%	99.9%
Conclusion:	Conforms to the specifications of In-house Standard.	

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