



Certificate of Analysis

Ammonium Thiocyanate ACS

Catalog Number: AT1008
Lot Number: 0919601
CAS Number: 1762-95-4
Molecular Formula: NH_4SCN
Molecular Weight: 76.12
Storage: 15°C – 30°C
Date of Manufacture: July 28, 2014
Retest Date: July 27, 2019

Test	Specification	Result
Appearance	Colorless to white crystals	Conforms
Identification	To pass test	Conforms
Assay	$\geq 97.5\%$	98.20%
Solubility (1.63g/mL)	Clear and colorless	Conforms
pH (5%)	4.5 – 6.0	5.28
Insoluble Matter	$\leq 0.005\%$	0.003%
Residue on Ignition	$\leq 0.025\%$	0.023%
Chloride	$\leq 0.005\%$	$< 0.005\%$
Sulfate	$\leq 0.005\%$	$< 0.005\%$
Iodine Consuming Substances	$\leq 0.004\text{meq/g}$	0.002meq/g
Heavy Metals (as Pb)	$\leq 5\text{ppm}$	$< 5\text{ppm}$
Iron	$\leq 3\text{ppm}$	$< 3\text{ppm}$

Approved by:

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