



70 West 40th Street
New York, NY 10018
Phone: (646) 366-0400
Fax: (646) 366-5095

CERTIFICATE OF ANALYSIS

Product Name: Ammonium Thiocyanate
Quality: SMC Spec. 2305
Batch Number: 0706116

Test/Property	Specification	Result
Appearance	White crystalline powder	White crystalline powder
Assay, %	97.00 % MINIMUM	99.10
Heavy Metals (as Lead), %	0.0020 % MAXIMUM	0.0006
Insoluble Matter, %	0.010 % MAXIMUM	0.003
Iron (Fe), %	0.00050 % MAXIMUM	0.00006
pH (5% Water Sol)	5.00 TO 6.00	5.10
Residues on Ignition, %	0.100 % MAXIMUM	0.060
Solution appearance	Clear Colorless (15 g in 100 ml H2O)	Clear Colorless (15 g in 100 ml H2O)
Thiourea (as CH4N2S), %	0.2000 % MAXIMUM	0.0045
Volatile matter at 105 C	2.000 % MAXIMUM	1.520

CERTIFIED TRUE AND CORRECT *WH*

Approval Date: 9/23/2008

Spec Revision Date: _____

Print Date: 9/3/10



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CERTIFICATE OF ANALYSIS

Product Name: Ammonium Thiocyanate
Quality: SMC Spec. 2305
Batch Number: 0706117

Test/Property	Specification	Result
Appearance	White crystalline powder	White crystalline powder
Assay, %	97.00 % MINIMUM	99.25
Heavy Metals (as Lead), %	0.0020 % MAXIMUM	0.0005
Insoluble Matter, %	0.010 % MAXIMUM	0.003
Iron (Fe), %	0.00050 % MAXIMUM	0.00005
pH (5% Water Sol)	5.00 TO 6.00	5.10
Residues on Ignition, %	0.100 % MAXIMUM	0.005
Solution appearance	Clear Colorless (15 g in 100 ml H2O)	Clear Colorless (15 g in 100 ml H2O)
Thiourea (as CH4N2S), %	0.2000 % MAXIMUM	0.0043
Volatile matter at 105 C	2.000 % MAXIMUM	1.480

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CERTIFICATE OF ANALYSIS

Product Name: Ammonium Thiocyanate
Quality: SMC Spec. 2305
Batch Number: 0706118

Test/Property	Specification	Result
Appearance	White crystalline powder	White crystalline powder
Assay, %	97.00 % MINIMUM	99.27
Heavy Metals (as Lead), %	0.0020 % MAXIMUM	0.0005
Insoluble Matter, %	0.010 % MAXIMUM	0.003
Iron (Fe), %	0.00050 % MAXIMUM	0.00005
pH (5% Water Sol)	5.00 TO 6.00	5.10
Residues on Ignition, %	0.100 % MAXIMUM	0.005
Solution appearance	Clear Colorless (15 g in 100 ml H2O)	Clear Colorless (15 g in 100 ml H2O)
Thiourea (as CH4N2S), %	0.2000 % MAXIMUM	0.0042
Volatile matter at 105 C	2.000 % MAXIMUM	1.640

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