

Certificate of Analysis

Date of Testing: 2024-11-07 15:31:06
Date of Next Testing: 2028-11-06 15:31:06
Product Name: **Ammonium formate**
CAS Number: 540-69-2
Specifications & Purity: Chromatographic grade, ≥99%
Lot #: J2428420
SKU #: **A100185**
Version: **0**
Analysis #: **433148**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	1.00 %
PH	5.5-7.5	5.80
Melting point	119-121 (°C)	120.00000 °C
UV Absorbance 270nm	0-0.03	0.02
UV Absorbance 280nm	0-0.02	0.01
UV Absorbance 250nm	0-0.05	0.04
UV Absorbance 500nm	0-0.02	0.02
Purity(Nonaqueous Titration)	98.5-101.5 (%)	100.00 %
UV Absorbance 260nm	0-0.04	0.00
Filtration test	corresponds to standard	corresponds to standard
RP gradient test	pass test	pass test
Solubility in H ₂ O , colorless and clear(0.1 g/mL at 25 °C)	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
λ,10% in H ₂ O	Pass	Pass



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager