

Certificate of Analysis

Date of Testing: 2025-09-11 14:55:23

Date of Next Testing: 2029-09-10 14:55:23

Product Name: **Ammonium formate**

CAS Number: 540-69-2

Specifications & Purity: HPLC grade, ≥99%

Lot #: K2130008

SKU #: **A100185**

Version: **0**

Analysis #: **571131**

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	0.98 %
PH	5.5-7.5	6.01
Melting point	119-121 (°C)	119.88940 °C
Absorbance (at 270 nm)	0-0.03	0.01
UV Absorbance 280nm	0-0.02	0.01
Absorbance (at 250 nm)	0-0.05	0.02
UV Absorbance 500nm	0-0.02	0.00
Purity(Nonaqueous Titration)	98.5-101.5 (%)	99.50 %
UV Absorbance 260nm	0-0.04	0.02
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