

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-20 14:40:58

Date of Next Testing: 2029-09-19 14:40:58

Product Name: **Ammonium formate**

CAS Number: 540-69-2

Specifications & Purity: HPLC grade, ≥99%

Lot #: I2512171

SKU # **A100185**

Version **0**

Analysis #: **581489**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	1.00000 %
pH	5.5-7.5	6.50000
Melting point	119-121 (°C)	119.00000 °C
Absorbance (at 270 nm)	0-0.03	0.01000
UV Absorbance 280nm	0-0.02	0.01500
Absorbance (at 250 nm)	0-0.05	0.00250
UV Absorbance 500nm	0-0.02	0.00100
Purity(Nonaqueous Titration)	98.5-101.5 (%)	100.00000 %
UV Absorbance 260nm	0-0.04	0.00300
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



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager