

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-11 18:25:52

Date of Next Testing: 2029-11-10 18:25:52

Product Name: **Ammonium formate**

CAS Number: 540-69-2

Specifications & Purity: HPLC grade, ≥99%

Lot #: K2503169

SKU #: **A100185**

Version: **0**

Analysis #: **608253**

Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	0.98600 %
pH	5.5-7.5	5.50160
Melting point	119-121 (°C)	119.86100 °C
Absorbance (at 270 nm)	0-0.03	0.01500
UV Absorbance 280nm	0-0.02	0.00320
Absorbance (at 250 nm)	0-0.05	0.00027
UV Absorbance 500nm	0-0.02	0.00110
Purity(Nonaqueous Titration)	98.5-101.5 (%)	99.99920 %
UV Absorbance 260nm	0-0.04	0.00980
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

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager