

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-03 16:59:49

Date of Next Testing: 2030-03-02 16:59:49

Product Name: **Ammonium formate**

CAS Number: 540-69-2

Specifications & Purity: HPLC grade, ≥99%

Lot #: A2629219

SKU #: **A100185**

Version: **0**

Analysis #: **664586**

Storage Temperature: Room temperature, Desiccated

| Parameter                                                               | Limit Values            | Result                  |
|-------------------------------------------------------------------------|-------------------------|-------------------------|
| Water by Karl Fischer                                                   | 0-2 (%)                 | 1.00000 %               |
| pH                                                                      | 5.5-7.5                 | 6.00000                 |
| Melting point                                                           | 119-121 (°C)            | 120.00000 °C            |
| Absorbance (at 270 nm)                                                  | 0-0.03                  | 0.00200                 |
| UV Absorbance 280nm                                                     | 0-0.02                  | 0.00150                 |
| Absorbance (at 250 nm)                                                  | 0-0.05                  | 0.00250                 |
| UV Absorbance 500nm                                                     | 0-0.02                  | 0.00120                 |
| Purity(Nonaqueous Titration)                                            | 98.5-101.5 (%)          | 99.99920 %              |
| UV Absorbance 260nm                                                     | 0-0.04                  | 0.00350                 |
| Filtration test                                                         | corresponds to standard | corresponds to standard |
| RP gradient test                                                        | pass test               | pass test               |
| Solubility in H <sub>2</sub> 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 <sub>2</sub> 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