

Certificate of Analysis

Date of Testing: 2023-11-29 14:06:19
Date of Next Testing: 2027-11-28 14:06:19
Product Name: **Ammonium formate**
CAS Number: 540-69-2
Specifications & Purity: for HPLC, $\geq 99.0\%$
Lot #: K2323222
SKU #: **A100185**
Analysis: **300174**
Storage Temperature: Desiccated

| Parameter | Limit Values | Result |
|---|-------------------------|-------------------------|
| Water by Karl Fischer | 0-2 (%) | 0.01 % |
| PH | 5.5-7.5 | 7.20 |
| Melting point | 119-121 (°C) | 120.00000 °C |
| UV Absorbance 270nm | 0-0.03 | 0.00 |
| UV Absorbance 280nm | 0-0.02 | 0.00 |
| UV Absorbance 250nm | 0-0.05 | 0.00 |
| UV Absorbance 500nm | 0-0.02 | 0.00 |
| Purity(NonaqueousTitration) | 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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