

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-01-14 16:39:23  
 Date of Next Testing: 2026-01-13 16:39:23  
 Product Name: **Ammonium formate**  
 CAS Number: 540-69-2  
 Specifications & Purity: for HPLC,  $\geq 99.0\%$   
 Lot #: A2211015  
 SKU #: **A100185**  
**Analysis:** **068036**  
 Storage Temperature: Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	1.34 %
PH	5.5-7.5	6.51
Melting point	119-121 (°C)	120.35000 °C
UV Absorbance 270nm	0-0.03	0.02
UV Absorbance 280nm	0-0.02	0.02
UV Absorbance 250nm	0-0.05	0.03
UV Absorbance 500nm	0-0.02	0.02
Purity(NonaqueousTitration)	98.5-101.5 (%)	99.99 %
UV Absorbance 260nm	0-0.04	0.03
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
$\lambda$ , 10% in H <sub>2</sub> O	Pass	Pass



John Su  
QA & QC Manager