

## Certificate of Analysis

Date of Testing: 2023-11-13 09:55:56  
Date of Next Testing: 2027-11-12 09:55:56  
Product Name: **Ammonium formate**  
CAS Number: 540-69-2  
Specifications & Purity: for HPLC,  $\geq 99.0\%$   
Lot #: K2307029  
SKU #: **A100185**  
**Analysis:** **295015**  
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	0.10 %
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(Nonaqueous Titration)	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 <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