

Certificate of Analysis

Date of Testing: 2023-11-13 09:31:34
Date of Next Testing: 2027-11-12 09:31:34
Product Name: **Ammonium formate**
CAS Number: 540-69-2
Specifications & Purity: for HPLC, $\geq 99.0\%$
Lot #: K2307012
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 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



John Su
QA & QC Manager