

Certificate of Analysis

Date of Testing: 2023-01-09 09:47:38
 Date of Next Testing: 2027-01-08 09:47:38
 Product Name: **Ammonium formate**
 CAS Number: 540-69-2
 Specifications & Purity: for HPLC, $\geq 99.0\%$
 Lot #: A2304070
 SKU #: **A100185**
Analysis: **176421**
 Storage Temperature: Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	1.00 %
PH	5.5-7.5	6.01
Melting point	119-121 (°C)	120.10340 °C
UV Absorbance 270nm	0-0.03	0.01
UV Absorbance 280nm	0-0.02	0.00
UV Absorbance 250nm	0-0.05	0.02
UV Absorbance 500nm	0-0.02	0.00
Purity(NonaqueousTitration)	98.5-101.5 (%)	99.99 %
UV Absorbance 260nm	0-0.04	0.01
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