

Certificate of Analysis

Date of Testing: 2024-08-23 16:36:31
Date of Next Testing: 2028-08-22 16:36:31
Product Name: **Ammonium formate**
CAS Number: 540-69-2
Specifications & Purity: for HPLC, $\geq 99.0\%$
Lot #: H2414309
SKU #: **A100185**
Version: **0**
Analysis #: **403724**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Water by Karl Fischer	0-2 (%)	0.63 %
PH	5.5-7.5	7.20
Melting point	119-121 (°C)	120.03000 °C
UV Absorbance 270nm	0-0.03	0.02
UV Absorbance 280nm	0-0.02	0.02
UV Absorbance 250nm	0-0.05	0.04
UV Absorbance 500nm	0-0.02	0.01
Purity(Nonaqueous Titration)	98.5-101.5 (%)	100.00 %
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 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



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager