

Certificate of Analysis

Date of Testing: 2022-09-15 14:25:15

Date of Next Testing: 2026-09-14 14:25:15

Product Name: **Sodium formate**

CAS Number: 141-53-7

Specifications & Purity: for HPLC, ≥99.0%(NT)

Lot #: I2213162

SKU #: **S104883**

Analysis: 136290

Storage Temperature: Desiccated

Parameter	Limit Values	Result
Melting point	259-262 (°C)	260.01000 °C
UV Absorbance 270nm	0-0.04	0.04
UV Absorbance 500nm	0-0.02	0.02
UV Absorbance 260nm	0-0.05	0.05
PH	7-8.5	8.20
UV Absorbance 300nm	0-0.03	0.03
UV Absorbance 330nm	0-0.02	0.02
Filtration test	corresponds to standard	corresponds to standard
RP gradient test	pass test	pass test
Solubility in H2O , soluble 0.1 g/mL at 25 °C, clear, colorless	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure
λ, 10% in H2O	Pass	Pass



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QA & QC Manager