

## Certificate of Analysis

Date of Testing: 2022-09-15 14:24:34  
Date of Next Testing: 2026-09-14 14:24:34  
Product Name: **Sodium formate**  
CAS Number: 141-53-7  
Specifications & Purity: for HPLC,  $\geq 99.0\%$ (NT)  
Lot #: I2213161  
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 H <sub>2</sub> O , soluble 0.1 g/mL at 25 °C, clear, colorless	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