

Certificate of Analysis

Date of Testing: 2024-09-14 16:52:00

Date of Next Testing: 2028-09-13 16:52:00

Product Name: **Betaine monohydrate**

CAS Number: 590-47-6

Specifications & Purity: $\geq 99\%$

Lot #: I2413544

SKU # **B106221**

Version **0**

Analysis #: **408622**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(Titration by HClO_4)	99-101 (%)	99.50 %
Water by Karl Fischer	10-16 (%)	14.37 %
Appearance (B106221)	White Powder or Crystals	White Powder or Crystals
Solubility in H_2O , Colorless,Clear,100 mg/mL, H_2O	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager