

## Certificate of Analysis

Date of Testing: 2023-12-14 10:39:56

Date of Next Testing: 2027-12-13 10:39:56

Product Name: **2-Picolinic acid**

CAS Number: 98-98-6

Specifications & Purity: 99%

Lot #: L2308030

SKU # **P101920**

**Analysis: 120719**

| Parameter                                                  | Limit Values                                      | Result                                            |
|------------------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| Purity(Neutralization titration)                           | 98.5-101.5 (%)                                    | 99.87%                                            |
| Melting point                                              | 138-142 (°C)                                      | 140.18000 °C                                      |
| Purity(HPLC)                                               | 99-100 (%)                                        | 99.12000 %                                        |
| Appearance (P101920)                                       | white to off-white powder, crystals and/or chunks | white to off-white powder, crystals and/or chunks |
| Infrared spectrum                                          | Conforms to Structure                             | Conforms to Structure                             |
| Solubility in H <sub>2</sub> O , Colorless to Faint Yellow | pass                                              | Pass                                              |
| Clear ,50 mg/mL, H <sub>2</sub> O                          |                                                   |                                                   |



John Su  
QA & QC Manager