

## Certificate of Analysis

Date of Testing: 2024-04-19 15:45:32  
Date of Next Testing: 2028-04-18 15:45:32  
Product Name: **2,3-Pyridinedicarboxylic acid**  
CAS Number: 89-00-9  
Specifications & Purity: 99%  
Lot #: D2412312  
SKU #: **P100814**  
Analysis: **331498**

| Parameter  | Limit Values  | Result  |
|--|---|---|
| Purity(Neutralization titration)   | 98.5-101.5 (%)  | 99.95 %   |
| Purity(HPLC)   | 99-100 (%)  | 99.02000 %  |
| Appearance (P100814)   | White to Faint Yellow Powder,<br>Crystals or Granules | White to Faint Yellow Powder,<br>Crystals or Granules |
| Infrared spectrum  | Conforms to Structure                                 | Conforms to Structure                                 |
| Solubility in hot H2O  | almost transparency                                   | almost transparency                                   |
| Solubility in NaOH , Colorless to faint<br>yellow,Clear to slightly hazy5% | pass  | Pass  |



John Su  
QA & QC Manager