

Certificate of Analysis

Date of Testing: 2025-01-13 18:57:25
 Date of Next Testing: 2028-01-13 18:57:25
 Product Name: **2-(2-Pyridyl)-4-methylthiazole-5-carboxylic acid**
 CAS Number: 34418-48-9
 Specifications & Purity: $\geq 96\%$
 Lot #: A2509246
 SKU #: **P169732**
 Version: **0**
 Analysis #: **345600**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Carbon by Elemental Analysis	52.3-56.7 (%)	53.99 %
Nitrogen by Elemental Analysis	12.2-13.2 (%)	12.65 %
Purity (Titration by NaOH)	95.5-104.5 (%)	98.65 %
Purity(HPLC)	96-100 (%)	96.02000 %
Appearance (P169732)	White to Tan Solid, Powder, Crystals and/or Chunks	White to Tan Solid, Powder, Crystals and/or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager