

Certificate of Analysis

Date of Testing: 2023-04-09 20:49:44
Date of Next Testing: 2027-04-08 20:49:44
Product Name: **3-(2-Pyridyl)-5,6-di(2-furyl)-1,2,4-triazine-5',5''-disulfonic acid disodium salt**
CAS Number: 79551-14-7
Specifications & Purity: for spectrophotometric det. of Fe, $\geq 99.0\%$
Lot #: D23031310
SKU #: **P120016**
Analysis: **186301**

Parameter	Limit Values	Result
Water by Karl Fischer	0-13 (%)	8.08 %
Nitrogen by Elemental Analysis (anhydrous)	10.7-11.8 (%)	10.96 %
Carbon by Elemental Analysis(anhydrous)	37.9-39.3 (%)	37.91 %
Purity(HPLC)	99-100 (%)	99.13000 %
Appearance (P120016)	White to Dark Yellow Powder or Crystals or Chunks	White to Dark Yellow Powder or Crystals or Chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Yellow to Brown,Clear to Slightly Hazy,50mg/ml	pass	Pass
Suitability for determining iron	Passes test	Passes test



John Su
QA & QC Manager