

Certificate of Analysis

Date of Testing: 2022-12-16 16:24:23
Date of Next Testing: 2026-12-15 16:24:23
Product Name: **4,5-Imidazoledicarboxylic acid**
CAS Number: 570-22-9
Specifications & Purity: 97%
Lot #: L2207559
SKU #: **I107066**
Analysis: **131288**

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	17.3-18.6 (%)	17.90 %
Carbon by Elemental Analysis	37.1-39.8 (%)	38.20 %
Purity(HPLC)	97-100 (%)	98.26300 %
Appearance (I107066)	White to Off-White to Tan Powder or Crystals	White to Off-White to Tan Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in NaOH solution	almost transparency	almost transparency



John Su
QA & QC Manager