

Certificate of Analysis

Date of Testing: 2024-12-13 10:34:35
Date of Next Testing: 2026-12-13 10:34:35
Product Name: **Dansylhydrazine**
CAS Number: 33008-06-9
Specifications & Purity: $\geq 95\%$ (HPLC)
Lot #: B2328550
SKU #: **D121503**
Version: **0**
Analysis #: **448764**

Parameter	Limit Values	Result
Sulfur by Elemental Analysis	11.7-12.4 (%)	12.15 %
Nitrogen by Elemental Analysis	15.4-16.2 (%)	15.83 %
Carbon by Elemental Analysis	53-55.7 (%)	54.28 %
Purity(HPLC)	95-100 (%)	99.17600 %
Appearance (D121503)	Yellow to Green Powder or Crystals	Yellow to Green Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility, Yellow to Green, Clear, 50 mg/ml in ethanol	pass	Pass



John Su
QA & QC Manager