

Certificate of Analysis

Date of Testing: 2024-12-16 16:09:56
Date of Next Testing: 2026-12-16 16:09:56
Product Name: **Dansylhydrazine**
CAS Number: 33008-06-9
Specifications & Purity: $\geq 95\%$ (HPLC)
Lot #: B2328546
SKU #: **D121503**
Version: **0**
Analysis #: **450155**

| 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 |



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