

## Certificate of Analysis

Date of Testing: 2024-12-13 11:27:27  
Date of Next Testing: 2026-12-13 11:27:27  
Product Name: **Guaifenesin**  
CAS Number: 93-14-1  
Specifications & Purity: Moligand™, ≥98%  
Lot #: H1518109  
SKU #: **G129215**  
Version: **0**  
Analysis #: **448894**

Parameter	Limit Values	Result
Melting point	80-84 (°C)	81.10000 °C
Purity(HPLC)	98-100 (%)	98.10000 %
Carbon by Elemental Analysis	59.4-61.8 (%)	60.20 %
Purity(UV method)	98-100 (%)	98.14 %
Appearance (G129215)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Colorless Clear,50 mg/ml	pass	Pass



John Su  
QA & QC Manager