

Certificate of Analysis

Date of Testing: 2023-12-25 13:54:44
Date of Next Testing: 2025-12-24 13:54:44
Product Name: **5-Chloro-2-methylbenzimidazole**
CAS Number: 2818-69-1
Specifications & Purity: $\geq 98.0\%$
Lot #: C2210377
SKU #: **C133619**
Analysis: **308491**

Parameter	Limit Values	Result
Melting point	205-211 (°C)	207.05000 °C
Purity(HPLC)	98-100 (%)	99.31500 %
Purity(NonaqueousTitration)	98-100 (%)	98.61 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(C133619)	Light yellow to Yellow to Orange powder to crystal	Light Yellow to Yellow to Orange powder to crystal



John Su
QA & QC Manager