



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-230938
Lot Number: SAMPLE
Product Name: 2,4-Dibromobutyl chloride
CAS Number: 82820-87-9
Molecular Formula: $C_4H_5Br_2ClO$
Molecular Weight: 264.34

| Test | Specification | Result |
|------------------------------|---|---|
| Appearance | Clear colorless to yellow to green liquid | Clear very pale yellow liquid |
| Identification (1H -NMR) | Consistent with structure | Complies |
| Purity (1H -NMR) | > 88.0% | > 90.0% |
| Purity (GC) | > 88.0% | 96.3% |
| Solution (Clarity) | Forms a clear colorless to clear yellow/green solution in chloroform, no particulates | Forms a clear colorless solution in chloroform, no particulates |
| Refractive Index | 1.533 - 1.537 | 1.535 |

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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