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## CERTIFICATE OF ANALYSIS

Product Name: 4-Bromo-1-butene  
CAS No.: 5162-44-7  
Lot No.: 20200106  
Quantity: 200.0 kg  
Manuf. Date: 2020-01-06  
Report Date: 2020-01-10  
Package: N.W 20kg/plastic drum

| Items         | Specification                               | Analysis Results   |
|---------------|---|--------------------|
| Appearance    | Colorless to pale yellow transparent liquid | Pale yellow liquid |
| Purity (GC)   | 98.00% min                                  | 98.90%             |
| Moisture (KF) | 0.50% max                                   | 0.08%              |

Conclusion: The above items were tested, and the results conformed to enterprise standard

