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Product Specifications

| | |
|--------------------------|-----------------------------------|
| Catalogue Number | 39485 |
| Product | (S)-(+)-2-Amino-1-butanol |
| CAS Number | 5856-62-2 |
| Molecular Formula | C ₄ H ₁₁ NO |
| Molecular Weight | 89.14 |

| | |
|---------------------------|---|
| Appearance | Colorless or slightly yellow clear liquid |
| Solubility | Soluble in ether, alcohol and water |
| Boiling point | 177 - 179 °C |
| Flash Point | 79 °C |
| Density | 0.94 g/mL |
| Refractive Index | $n_{20D} = 1.45$ |
| Optical Rotation | $[\alpha]_{20D} = 9 - 11^\circ$ (neat) |
| Infrared Spectrum | Conforms to structure |
| ¹H NMR | Conforms to structure |
| Assay by titration | ≥ 98% (Nonaqueous titration) |
| Purity by GC | ≥ 98% |
| Storage | Store at RT |

For Laboratory Use Only