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Product Specifications

| | |
|--------------------------|--|
| Catalogue Number | 12800 |
| Product | Z-N-methyl-α-aminoisobutyric acid |
| | Z-N-Me-Aib-OH |
| | Z-N-methyl- α -methylalanine |
| CAS Number | 144332-60-5 |
| Molecular Formula | C ₁₃ H ₁₇ NO ₄ |
| Molecular Weight | 251.28 |

| | |
|------------------------------------|------------------------------------|
| Appearance | White to off-white powder |
| Solubility | Clear solution (0.1 g in 2 mL DMF) |
| Melting Point | 130-137 °C |
| Water Content (Karl Fisher) | ≤ 0.5% |
| Infrared Spectrum | Conforms to structure |
| Analysis by Mass Spectra | Conforms to standard |
| Loss on Drying | ≤ 1.0% (60 °C, 2h) |
| ¹H NMR | Conforms to structure |
| Purity by HPLC | ≥ 99% |
| Storage | Store at 0-8 °C |

For Laboratory Use Only