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Certificate of Analysis

Catalogue Number 05881
Lot Number 120322-13042
Product **L-Asparagine *tert*-butyl ester**

L-Asn-OtBu

CAS Number 25456-86-4
Molecular Formula C₈H₁₆N₂O₃

Molecular Weight 188.2

Appearance White powder
Appearance of Solution Clear, colorless solution (0.3 g in 2ml in MeOH)
Melting Point 91.7-99.6 °C
Water Content (Karl Fisher) 0.05%
Optical Rotation [α]_D²⁰ = +24.5° (C=1, AcOH)
Infrared Spectrum Complies
Analysis by Mass Spectra Complies
Loss on Drying 0.23% (2h @ 50°C)
¹H NMR Complies
Purity by HPLC 98.66%
Storage Store at 2-8 °C
Remarks See material safety data sheet for additional information
For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager