

Product L-Asparagine Monohydrate, FCC Grade
Catalog Number 14900

Formula C₄H₈N₂O₃•H₂O
Formula Weight 150.13
CAS Number 5794-13-8

SPECIFICATION

<u>Test</u>	<u>Specification</u>
Appearance	white crystals or crystalline powder
Assay (on dried basis, HClO ₄ titration)	98.0% to 101.5%
Identification (by IR)	matches reference spectrum
Loss on Drying (3 hours at 130°C).....	11.5% to 12.5%
Residue on Ignition	NMT 0.1%
Specific Rotation [α] _D ²⁰ (on dried basis, C=10, 6N HCl)	+33.0° to +36.5°
Lead (Pb)	NMT 5 mg/kg

Additional Information

Storage Conditions..... 15°C to 30°C
Store in well-closed, light-resistant container