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Product Specifications

Catalogue Number	00026
Product	L-Asparagine monohydrate L-Asn-OH•H ₂ O (S)-2-Aminosuccinic acid 4-amide monohydrate
CAS Number	5794-13-8
Molecular Formula	C ₄ H ₈ N ₂ O ₃ •H ₂ O
Molecular Weight	150.1

Appearance	White crystals or crystalline powder
Heavy Metals	≤ 10 ppm
Arsenic (As₂O₂)	≤ 1 ppm
Anion	Chloride (Cl ⁻) : ≤ 0.02% Sulfate (SO ₄ ²⁻) : ≤ 0.02%
Cation	Ammonium (NH ₄ ⁺) : ≤ 0.1% Iron (Fe) : ≤ 10 ppm
pH	4.4 - 6.4
Optical Rotation	[α] _D ²⁰ = +34.2 ° to +36.5 °
Transmission	State of solution : ≥ 98%
Loss on Drying	11.5 - 12.5%
Residue On Ignition	≤ 0.1%
Assay	≥ 99%
Storage	Store at RT

For Laboratory Use Only