

Specification

Formula Hill: $C_4H_8N_2O_3 \cdot H_2O$
Molar Mass: 150,13 g/mol
CAS N°: 7794-13-8

101291 L-Asparagine monohydrate

	Specification
Assay	99,0 - 101,0 %
Appearance	white crystals or crystalline powder
Specific rotation	34,2 - 36,5 °
Chloride (Cl)	≤ 0,020 %
Sulfate (SO ₄)	≤ 0,020 %
Arsenic (As ₂ O ₃)	≤ 1 ppm
NH ₄ (Ammonium)	≤ 0,10 %
Other amino acids	conforms
Heavy metals (as Pb)	≤ 0,001 %
Fe (Iron)	≤ 0,001 %
Transmittance	≥ 98,0 %
Loss on drying	11,5 - 12,5 %
Residue after ignition	≤ 0,1 %

This data sheet is representative of the current specifications for this product at the time of printing.
 Product specifications are subject to amendment and may change over time. Please check the certificate of analysis for information on specific lots..