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Product Specifications

Catalogue Number	00626
Product	DL-Aspartic acid DL-Asp-OH (<i>R,S</i>)-2-Aminosuccinic acid
CAS Number	617-45-8
Molecular Formula	C ₄ H ₇ NO ₄
Molecular Weight	133.1
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Appearance	White crystalline powder
Heavy Metals	≤ 20 ppm (as Pb)
Anion	Chloride (Cl ⁻): ≤ 0.020% Sulfate (SO ₄ ²⁻): ≤ 0.020%
Cation	Iron (Fe): ≤ 30 ppm Arsenic (As ₂ O ₃) = < 2 ppm Ammonium (NH ₄ ⁺) = < 0.02%
pH	2.8-3.0
Loss on Drying	≤ 0.20%
Residue On Ignition	≤ 0.10%
Assay	99.0-101.0 %
Storage	Store at RT
Additional Information	State of solution: ≥ 98.0% Asparagine (TLC): ≤ 0.05%

For Laboratory Use Only