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Product Specifications

Catalogue Number	00620
Product	L-Pyroglutamic acid
	L-Pyr-OH
	L-5-Oxo-2-pyrrolidinecarboxylic acid
CAS Number	98-79-3
Molecular Formula	C ₅ H ₇ NO ₃
Molecular Weight	129.1

Appearance	White crystalline powder
Heavy Metals	≤ 10 ppm
Anion	Chloride (Cl) : ≤ 0.02% Sulfate (SO ₄) : ≤ 0.02%
Cation	Ammonium (NH ₄) : ≤ 0.02% Iron (Fe) : ≤ 10 ppm Arsenic (As ₂ O ₃) : ≤ 1 ppm
Optical Rotation	[α] _D ²⁰ = -10.5 to -12.3 °
Loss on Drying	≤ 1.0%
Residue On Ignition	≤ 0.1% (Sulfated)
Assay by titration	98.5 - 100.5%
Storage	Store at RT

For Laboratory Use Only