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Product Specifications

Catalogue Number	00355
Product	D-Proline D-Pro-OH (R)-Pyrrolidine-2-carboxylic acid
CAS Number	344-25-2
Molecular Formula	C ₅ H ₉ NO ₂
Molecular Weight	115.14

Appearance	White to off-white powder
Heavy Metals	≤ 10 ppm (as Pb)
Anion	Chloride (Cl ⁻) : ≤ 0.10%
Optical Rotation	[α] _D ²⁰ = 84.5 ± 2 ° (C=1 in H ₂ O)
Loss on Drying	≤ 0.5% (105 °C, 2h)
Residue On Ignition	≤ 0.5%
¹H NMR	Conforms to structure
Assay by titration	98 - 101%
Storage	Store at RT
Additional Information	Arsenic(As ₂ O ₃) : ≤ 2ppm

For Laboratory Use Only