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Certificate of Analysis

Catalogue Number	04391
Lot Number	000424-131023-16618
Product	Acetyl-DL-proline Ac-DL-Pro-OH (<i>RS</i>)-Acetyl-pyrrolidine-2-carboxylic acid
CAS Number	1074-79-9
Molecular Formula	C ₇ H ₁₁ NO ₃
Molecular Weight	157.2

Appearance	White to off-white powder
Solubility	Clear, solution (0.3 gram in 2 mL DMF)
Melting Point	103.3-104.0 °C
Water Content (Karl Fisher)	0.39%
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
Loss on Drying	0.42% (40 °C, 2 h)
¹H NMR	Conforms to structure
Purity by HPLC	99.62%
Storage	Store at 0-8°C

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager