



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number 04-043
Lot Number 121227-16711
Product **Acetyl-DL-glutamic acid**

Ac-DL-Glu-OH

CAS Number 5817-08-3

Molecular Formula $C_7H_{11}NO_5$

Molecular Weight 189.17

Appearance	White powder
Solubility	Clear solution (0.1g in 3 mL MeOH and 3 mL H ₂ O)
Melting Point	179.1-181.1 °C
Water Content (Karl Fisher)	0.28%
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	0.07% (85 °C, 2 hours)
¹ H NMR	Conforms to structure
Purity by HPLC	98.25%
Storage	Store at 0-8°C