



Product Specification

Product Name: L-Glutamic acid gamma-(3-carboxy-4-nitroanilide) ammonium salt
Cat #: G-380
CAS #: 63699-78-5
Storage: Store at 4°C.

Test	Specifications
Color	slightly yellow to yellow
Form	crystalline powder
Purity (HPLC)	≥99.0 area-%
Impurities (HPLC) (5-amino-2-nitrobenzoic acid)	≤0.1%
Ammonium (IC)	4.4 - 6.0%
pH (1% in water)	4.0 - 6.0
Specific Optical Rotation [α] _D (c = 1 in water)	8.0 to 10.0
Water Content (K. Fischer)	≤2.0%
FT-IR Spectrum	corresponds to reference spectrum
¹ H-NMR Spectrum	corresponds to assigned structure
¹³ C-NMR Spectrum	corresponds to assigned structure

GOLD BIOTECHNOLOGY, INC. provides this Product Specification in good faith. Specifications are subject to change.

Gold Biotechnology, Inc.

1328 Ashby Rd.

St. Louis, MO 63132

P: (314)890-8778

F: (314)890-0503

E: contactgoldbio86@goldbio.com