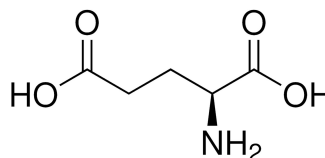
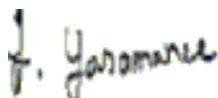


Certificate of Analysis

Product Name : L-Glutamic acid ReagentPlus®, ≥99% (HPLC)
Product Number : G1251-5KG
Batch Number : 0000463881
Source Batch : 0000437405
CAS Number : 56-86-0
MDL Number : MFCD00002634
Molecular Formula : C₅H₉NO₄
Formula Weight : 147.13 g/mol
Recommended Retest Date : Jun 2031
Quality Release Date : 11 Jun 2025



Test	Specification	Result
Appearance (Color)	White to Off White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
100 mg/mL, 1 M HCl		
Infrared Spectrum	Conforms to Structure	Conforms
Carbon	40.4 - 41.2 %	40.8 %
Nitrogen	9.2 - 9.8 %	9.5 %
Purity (HPLC)	≥ 99 %	100 %



Jagodige Yasomanee, Supervisor

Quality Assurance

St. Louis, Dekalb

US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

Version Number: 01 Doc: 1228207

Page 1 of 1

