

Specification Sheet

Product Name: **L-Glutamic acid hydrochloride**
Specifications & Purity: **98%**
SKU #: **G113196**

Parameter	Limit Values
Purity(HPLC)	98-100 (%)
Purity(Neutralization titration)	97.5-102.5 (%)
Carbon by Elemental Analysis	31.9-33 (%)
Specific Rotation $[\alpha]_{20/D}(c=6 \text{ in H}_2\text{O})$	22-25 (°)
Nitrogen by Elemental Analysis	7.3-7.9 (%)
Appearance (G113196)	White powder
Infrared spectrum	Conforms to Structure
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass