BIO BUFFER SOLUTIONS

REAGENT

L-GLUTAMINE, SYNTHETIC

USP

CAS #: 56-85-9 Formula: $C_5H_{10}N_2O_3$ F.W.: 146.14 g/mol

LGLM-5201 **BIO ULTRA GRADE**

ANALYSIS	SPECIFICATIONS
Appearance and Color	White Crystals or Crystalline Powder
Assay, Dried Basis	98.5 – 101.5%
Chloride	< = 500 ppm
Identification A, IR	Conforms to Reference Standard
Iron (Fe)	< = 10 ppm
Loss on Drying	< = 0.3%
Specific Optical Rotation, 20°C	+6.3° to +7.3°
Residue on Ignition	< = 0.1%
Related Compounds	< = 0.5%
Sulfate	< = 300 ppm

General Product Overview

L-Glutamine is used as a supplemental energy source for certain types of mammalian cells as well as other biopharmaceutical manufacturing applications.

Click here to view SDS, CoAs and other supporting regulatory documents on our website.

Industry Application

Suitable for use in biological and biotech chemical process applications from R&D through scale production.

Key Product Features

- Appears as white crystals or crystalline powder
- Contains no known major food allergens (as defined by FDA and WHO)
- The final product and its raw materials are not derived from nor come into contact with animal parts, animal products, and/or animal byproducts or derivatives.
- Is not subject to genetic modification
- Synonyms: (S)-2,5-Diamino-5-oxopentanoic acid; L-Glutamic acid 5-amide; Levoglutamide

Storage and Shipping Conditions

Refer to SDS.

Standard Shelf-Life Policy

Please inquire for information regarding shelf-life.

Package Sizes

1kg, 5kg, 10kg, 25kg, 50kg