



# INDOFINE Chemical Company, Inc.

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## Certificate of Analysis

Catalog Number	04-1529
Product Name	L-Glutamine
Lot Number	000102
CAS Registry Number	56-85-9
Molecular Formula	$C_5H_{10}N_2O_3$
Molecular Weight	146.15
Appearance	White crystalline powder
Identification	Pass
Melting point	181.5 – 184 °C
Assay (dry basis)	99.16%
Loss on Drying	0.06%
Residue on Ignition	0.01%
Specific Rotation (@ 20°C)	+6.3°
Heavy Metals (Pb)	<10ppm
Arsenic (As <sub>2</sub> O <sub>3</sub> )	<1ppm