

ENZYMES

BY

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Glutaminase from E. coli

GLU-080

SPECIFICATIONS

Name	L-Glutamine amidohydrolase
EC	3.5.1.2
Appearance	Yellow to green lyophilized powder
Activity	50 U/mg protein or more
Stability	Stable at -20 °C for at least 12 months
Molecular weight	110,000
Protein content	20 – 40 % (Biuret)
Stabilizers	Potassium succinate, EDTA
Contaminants	Ammonium: < 0.01 % NADH oxidase: < 0.01 %
Optimum buffer	5mM sodium acetate, pH 6.0