

L-Asparaginase

Item Number rAP-0849

Synonyms

Description L-Asparaginase was purified from E.coli ASI.357

Uniprot Accession Number

Amino Acid Sequence

Source Escherichia Coli.

Physical Appearance and Stability Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized L-Asparaginase although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution L-Asparaginase should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

Formulation and Purity The enzyme was lyophilized with no additives. Greater than 96.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Application

Solubility It is recommended to reconstitute the lyophilized L-Asparaginase in 18M-cm H₂O at 1mg/ml.

Biological Activity One IU of L- Asparaginase is defined as that amount of enzyme required to generate 1 µmol of ammonia per minute at pH 7.3 and 37°C.

Shipping Format and Condition Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**