

Product Specification

Meets B.P. Chemical Specifications, Meets E.P. Chemical Specifications, Meets U.S.P Requirements, GMP Manufactured Product

Test	Specification
USP – Assay (C ₃ H ₇ NO ₃) (dried basis)	98,5 – 101,5 %
USP – Chloride (Cl)	≤ 0,05 %
USP – Identification	Passes Test
USP – Iron (Fe)	≤ 0,003 %
USP – Loss on Drying at 105°C	≤ 0,2 %
USP – Related Compounds – Individual Impurities	≤ 0,5 %
USP – Related Compounds – Total Impurities	≤ 2,0 %
USP – Residue on Ignition	≤ 0,1 %
USP – Specific Rotation [α] ²⁵ ^{AD} (+)	14,0 – 15,6 °
USP – Sulfate (SO ₄)	≤ 0,03 %
EP/BP – Ammonium (NH ₄)	≤ 0,02 %
EP/BP – Appearance of Solution	Passes Test
EP/BP – Ash (sulfated)	≤ 0,1 %
EP/BP – Assay (C ₃ H ₇ NO ₃) (dried basis)	98,5 – 101,0 %
EP/BP – Chloride (Cl)	≤ 200 ppm
EP/BP – Identification A	Passes Test
EP/BP – Identification B	Passes Test
EP/BP – Iron (Fe)	≤ 10 ppm
EP/BP – Loss on Drying	≤ 0,5 %
EP/BP – Specific Rotation [α] ²⁰ ^{AD} (+)	14,0 – 16,0 °
EP/BP – Sulfate (SO ₄)	≤ 300 ppm
EP/BP–Ninhydrin–Positive Substances–Each	≤ 0,2 %
EP/BP–Ninhydrin–Positive Substances–Total Impurities	≤ 0,5 %
Endotoxin Concentration, IU/mg, For Information Only	

L-Serine
Multi-Compendial



Material No.: 4934-07

Test

Specification

GMP Manufactured Product
Bulk Pharmaceutical Chemical
CAUTION: For Manufacturing, processing or repackaging
Only Class 2 Solvents (Methanol) are likely to be present. All are below Option 1 limits.
Storage Condition: Preserve in well-closed containers. Store in well-closed, light-resistant containers

Packaging Site: Paris Mfg Ctr & DC