Updated Date: 2026-11-08

# Product Specifications

## CAT#10994 *L-Serine*

Product : L-Serine

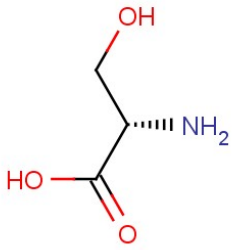
CAS No : 56-45-1

Catalog Number : 10994

Formula : C3H7NO3

Molecular Weight : 105.09

Structure:




| Test | Specification |
|---|---|
| Appearance | White to off-white crystals or crystalline powder |
| Purity | NLT 98% |
| Identification | Meets the requirements |
| Specific rotation[#]<sub>D</sub><sup style="margin-left:-5px">20</sup> | +14.0° to +15.6° |
| State of solution | NLT 98.0% |
| Chloride(CL) | NMT 0.05% |
| Sulfate(SO<sub>4</sub>) | NMT 0.03% |
| Iron(Fe) | NMT 30ppm |
| Heavy metals(Pb) | NMT 15ppm |
| Arsenic(as As<sub>2</sub>O<sub>3</sub>) | NMT 1ppm |
| Loss on drying | NMT 0.2% |
| Residue on ignition(sulfated) | NMT 0.1% |
| Assay | 98.5% to 101.5% |
| Storage conditions | Dry, sealed and shade place. |

*If you have any comments and suggestions, please contact us by sales@capot.com

*This document is for reference only. For product specifications and related materials, please refer to the final official documents confirmed by our company.*

Capot Chemical Co.,Ltd. Wanlun Sci Park, No.88 Jiangling RD, Hangzhou, Zhejiang, China, 310051

Tel:+86-571-85586718 Fax:+86-571-85864795 Email:sales@capot.com Website:www.capot.com