

L-Serine

Cat. No. AA-464

Lot. No. (See product label)

Product Name

L-Serine

Product Overview

This product is plant cell culture tested. No structural deformity observed, actively growing shoots, no toxicity to shoots. No necrotic tissues, actively growing callus, no toxicity to callus. The specific rotation is $+14.0^{\circ}$ to $+15.6^{\circ}$ ($c = 10\%$ in 2 M HCl at 20 centigrade). CAS NO. 56-45-1. Culture conditions: Incubation period (5wks), Relative humidity ($60 \pm 2\%$), Temperature (25 ± 2 centigrade), Photoperiod Day: Night in hours (16:8).

Form

Powder

Molecular Mass

105.09

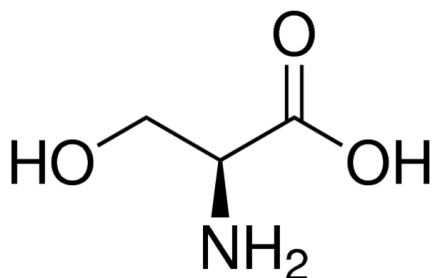
Purity

>99.0%

Synonyms

(S)-2-Amino-3-hydroxypropionic acid

Figure 1



Solubility

33.3 mg soluble in 1 mL of water.

Molecular Formula

HOCH₂CH(NH₂)CO₂H.

Storage

Store below 30 centigrade.

Stability

4 years

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY