



碧云天生物技术/Beyotime Biotechnology
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L-丝氨酸(99.0-101.0%, BioPremium)

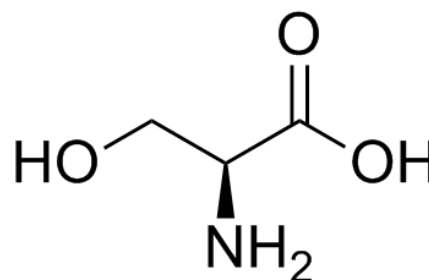
产品编号	产品名称	包装
ST1512-50g	L-丝氨酸(99.0-101.0%, BioPremium)	50g
ST1512-250g	L-丝氨酸(99.0-101.0%, BioPremium)	250g
ST1512-1kg	L-丝氨酸(99.0-101.0%, BioPremium)	1kg
ST1512-5kg	L-丝氨酸(99.0-101.0%, BioPremium)	5kg

产品简介:

CAS Number	Chemical Formula	Molecular Weight	Purity	Grade
56-45-1	C ₃ H ₇ NO ₃	105.09	99.0-101.0%	BioPremium

➤ 基本信息(General Information):

Name (Chinese)	L-丝氨酸
Name (English)	L-Serine
Specifications	BioPremium, meets FCC, USP, EP, JP testing specifications, suitable for cell culture, ≥99%, from non-animal source
Chemical Formula	C ₃ H ₇ NO ₃
Synonym (Chinese)	L-2-氨基-3-羟基丙酸
Synonym (English)	(S)-2-Amino-3-hydroxypropionic acid, L-Serine, USP Grade; H-Ser-OH; (S)-2-Amino-3-hydroxypropanoic acid; Ser; (S)-2-Amino-3-hydroxypropionic acid; L-2-Amino-3-hydroxypropionic acid; 3-Hydroxy-alanine
Beilstein Registry No.	1721404
EINECS Number	200-274-3
MDL Number	MFCD00064224
PubChem Number	24899599
eCl@ss	32160406
NACRES	NA.26



➤ 产品描述(Description):

General description	-
Biochem/physiol Actions	L-Serine is a non-essential amino acid that acts as a precursor for nucleotide synthesis. It has roles in the development and function of the central nervous system. Precursor of glycine by serine hydroxymethyltransferase.
Application	L-Serine has been used as a supplement in a medium to culture Chinese hamster ovary TF 70R cell line and in mouse embryonic fibroblast (MEF)-media.
Other Notes	-

➤ 性质(Properties):

assay	99.0-101.0%
mp	222°C (dec.) (lit.)
bp	394.8°C at 760mmHg
density	1.6 g/cm ³

solubility	H ₂ O: 359.7 g/L at 20°C - soluble
PH	5-6 (100 g/L, H ₂ O, 20°C)
grade	BioPremium
color	白色
form	powder
quality	meets USP, EP and JP Testing Specifications
suitability	suitable for cell culture
biological source	from non-animal source
application(S)	pharmaceutical (small molecule)

➤ **安全信息(Safety Information):**

Pictogram(s)	No symbol.
Signal Word	No signal word
Hazard Statements	none
Precautionary statement(s) Prevention	none
Personal Protective Equipment	dust mask type N95 (US), Eyeshields, Gloves
Other hazards	none
RIDADR	NONH for all modes of transport
WGK	1
RTECS	VT8100000
Flash Point (F)	-
Flash Point (C)	-
SMILES string	N[C@@H](CO)C(O)=O
InChI	1S/C3H7NO3/c4-2(1-5)3(6)7/h2,5H,1,4H2,(H,6,7)/t2-/m0/s1
InChI key	MTCFGRXMJLQNBG-REOHCLBHSA-N
Response	none
Storage Class Code	11 - Combustible Solids
Disposal	none
TSCA	Yes

包装清单:

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ST1512-5kg	L-丝氨酸(99.0-101.0%, BioPremium)	5kg
—	说明书	1份

保存条件:

室温避光保存。

注意事项:

- 本产品仅限于专业人员的科学研究用，不得用于临床诊断或治疗，不得用于食品或药品，不得存放于普通住宅内。
- 为了您的安全和健康，请穿实验服并戴一次性手套操作。

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