

Specification

L-Serine (Ph. Eur., USP) pure, pharma grade

A1708

Solubility:	364 g/L (H ₂ O)
Physical Description:	Solid
Product Code:	A1708
Product Name:	L-Serine (Ph. Eur., USP) pure, pharma grade
Headline Comment:	• All amino acids from AppliChem are of non-animal origin!
Specifications:	<p>Assay (titr., calc. on dried subst.): 98.5 - 101.0 %</p> <p>α_{20°C/D}; 10 %, 2 M HCl, calc. on dried subst.: +14.0° - +16.0°</p> <p>α_{25°C/D}; 10 %, 2 N HCl: +14.0° - +15.6°</p> <p>Appearance of solution: passes test</p> <p>Identity: passes test</p> <p>Heavy metals (as Pb): max. 0.0015 %</p> <p>Sulfated ash: max. 0.1 %</p> <p>Loss on drying (3 h; 105°C): max. 0.2 %</p> <p>Ammonium: max. 0.02 %</p> <p>Chloride: max. 0.02 %</p> <p>Sulfate: max. 0.03 %</p> <p>Fe: max. 0.001 %</p> <p>Ninhydrin positive substances (HPLC)</p> <p>each individual impurity: max. 0.2 %</p> <p>Total impurities: max. 0.5 %</p> <p>Ninhydrin positive substances (TLC)</p> <p>Each individual impurity: max. 0.5 %</p> <p>Total impurities: max. 2 %</p>
WGK:	1
Storage:	RT
Molecular Formula:	C ₃ H ₇ NO ₃


AppliChem GmbH

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Specification

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M:	105.09 g/mol
CAS:	56-45-1
EINECS:	200-274-3
CS:	29225000
	

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