

Specification

L-Cysteine (DAB) pure, pharma grade

A1425

Solubility:	280 g/L (H ₂ O)
Physical Description:	Solid
Product Code:	A1425
Product Name:	L-Cysteine (DAB) pure, pharma grade
Headline Comment:	• All amino acids from AppliChem are of non-animal origin!
Specifications:	<p>Assay (titr., calc. on dried subst.): 98.0 - 101.0 %</p> <p>α20°C/D; 12 %, HCl, calc. on dried subst.: +8° - +9.5°</p> <p>Appearance of solution: passes test</p> <p>Identity: passes test</p> <p>pH (2.5 %; H₂O): 4.5 - 6.0</p> <p>Heavy metals (as Pb): max. 0.001 %</p> <p>Sulfated ash: max. 0.1 %</p> <p>Loss on drying: max. 0.5 %</p> <p>Ninhydrin positive substances: max. 0.5 %</p> <p>Ammonium: max. 0.02 %</p> <p>Chloride: max. 0.04 %</p> <p>Sulfate: max. 0.03 %</p> <p>Fe: max. 0.002 %</p>
WGK:	1
Storage:	RT
Molecular Formula:	C ₃ H ₇ NO ₂ S
M:	121.16 g/mol
CAS:	52-90-4
EINECS:	200-158-2
CS:	29309013

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