

Specification

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

A1340

Solubility:	48 g/L (H ₂ O)
Physical Description:	Solid
Product Code:	A1340
Product Name:	L-Methionine (Ph. Eur., USP) pure, pharma grade
Headline Comment:	• All amino acids from AppliChem are of non-animal origin!
Specifications:	<p>Assay (titr.): 99.0 - 101.0 %</p> <p>α25°C/D; 2 %, 6 M HCl: +22.4° - +24.7°</p> <p>Appearance of solution: passes test</p> <p>Identity: passes test</p> <p>pH (1 %; H₂O): 5.6 - 6.1</p> <p>Sulfated ash: max. 0.1 %</p> <p>Loss on drying (3 h; 105°C): max. 0.3 %</p> <p>α20°C/D; 2 %, 250 g/L HCl (calc. on dried subst.): +22.5° - +24.0°</p> <p>pH (2.5 %; H₂O): 5.5 - 6.5</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>Related substances (Ph. Eur.)</p> <p>Each individual impurity: max. 0.1 %</p> <p>Total impurities: max. 0.3 %</p> <p>Related substances (USP)</p> <p>Methionine sulfoxide: max. 0.1 %</p> <p>N-Acetyl-D,L- methionine: max. 0.2 %</p> <p>Any unspecified impurity: max. 0.1 %</p> <p>Total unspecified impurities: max. 0.30 %</p>
WGK:	1


AppliChem GmbH

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Specification

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

A1340

Storage:	RT
Molecular Formula:	C ₅ H ₁₁ NO ₂ S
M:	149.21 g/mol
CAS:	63-68-3
EINECS:	200-562-9
CS:	29304010
	

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