

Specification

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

A1704

Solubility:	11 g/L (H ₂ O)
Physical Description:	Solid
Product Code:	A1704
Product Name:	L-Glutamic Acid (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 - 100.5 %</p> <p>α20°C/D; 10 %, 1 M HCl, calc. on dried subst.: +30.5° - +32.5°</p> <p>Appearance of solution: passes test</p> <p>Identity: passes test</p> <p>Sulfated ash: max. 0.1 %</p> <p>Loss on drying (3 h; 105°C): max. 0.1 %</p> <p>α20°C/D; 10 %, 2 M HCl: +31.5° - +32.5°</p> <p>Ninhydrin positive substances: max. 0.5 %</p> <p>Ammonium: max. 0.02 %</p> <p>Chloride: max. 0.02 %</p> <p>Sulfate: max. 0.02 %</p> <p>Fe: max. 0.001 %</p> <p>Elemental impurities (according to ICH Q3D): passes test</p>
WGK:	1
Storage:	RT
Molecular Formula:	C ₅ H ₉ NO ₄
M:	147.13 g/mol
CAS:	56-86-0
EINECS:	200-293-7
CS:	29224200

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