

Specification

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

A1344

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|------------------------------|--|
| Solubility: | 27 g/L |
| Physical Description: | Solid |
| Product Code: | A1344 |
| Product Name: | L-Phenylalanine (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>α25°C/D; 2 %, H₂O: -32.7° - -34.7°</p> <p>Appearance of solution: passes test</p> <p>Identity: passes test</p> <p>pH (1 %; H₂O; 25°C): 5.4 - 6.0</p> <p>Heavy metals (as Pb): max. 0.0015 %</p> <p>Loss on drying (3 h; 105°C): max. 0.3 %</p> <p>α20°C/D; 2 %, H₂O, calc. on dried subst.: -35.5° - -33.0°</p> <p>Sulfated ash: max. 0.1 %</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 ₉ H ₁₁ NO ₂ |
| | |


AppliChem GmbH

Ottoweg 4 • D-64291 Darmstadt • Phone +49 6151 9357 0 • Fax +49 6151 9357 11 • info.de@itwreagents.com • www.itwreagents.com
 CEO Joan Roget • Commerzbank Darmstadt • Bank 508 800 50 • Account 0186989900 IBAN DE24 5088 0050 0186 9899 00 • Swiftcode
 DRESDEFF508 • Finanzamt Darmstadt 007 225 00192 • Register court Darmstadt HRB Nr. 7340

Specification

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

A1344

| | |
|---|--------------|
| M: | 165.19 g/mol |
| CAS: | 63-91-2 |
| EINECS: | 200-568-1 |
| CS: | 29224985 |
|  | |

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Ottoweg 4 • D-64291 Darmstadt • Phone +49 6151 9357 0 • Fax +49 6151 9357 11 • info.de@itwreagents.com • www.itwreagents.com
CEO Joan Roget • Commerzbank Darmstadt • Bank 508 800 50 • Account 0186989900 IBAN DE24 5088 0050 0186 9899 00 • Swiftcode DRESDEFF508 • Finanzamt Darmstadt 007 225 00192 • Register court Darmstadt HRB Nr. 7340