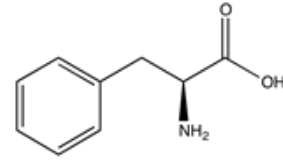


**Identification**

$C_9H_{11}NO_2$   
 M = 165,19 g/mol  
 CAS [63-91-2]  
 EC number: 200-568-1  
 Taric code: 2922 49 95


**Synonyms**

$\alpha$ -Amino- $\beta$ -phenyl propionic acid

**Applications**

in biochemistry, cosmetics, for pharmaceuticals synthesizing, for pharmaceuticals synthesizing, in pharma industry.

**Specifications**

assay (titration with $HClO_4$ , on dried sample) ....	98,5 - 101,0 %	ammonium ( $NH_4$ ).....	max. 0,02 %
Identification IR.....	passes test	iron (Fe).....	max. 10 ppm
Identification TLC.....	passes test	ninhydrin-positive substances:	
Identification D (EP).....	passes test	any ninhydrin-positive substances.....	max. 0,2 %
appearance of solution.....	passes test	total .....	max. 0,5 %
pH (1 %, $H_2O$ ).....	5,4 - 6,0	Related compounds:	
specific rotation ( $[\alpha]_{20}^{D}$ , c = 2, $H_2O$ )-34,7 ° - -33,0 °		any individual impurity.....	max. 0,5 %
chlorides (Cl).....	max. 200 ppm	total .....	max. 2,0 %
sulfates ( $SO_4$ ).....	max. 300 ppm	residue on ignition.....	max. 0,1 %
		loss on drying (105 °C).....	max. 0,5 %

**Physical data**

- Bulk density: ~ 580 kg/m<sup>3</sup>
- Solub. in water: (20 °C): 27 g/l
- Melting point: 275 - 283 °C (decomposes)
- pH(10 g/l  $H_2O$ , 20 °C) 5,8

**Transport/storage**

- 5°C - 30°C