

Specification

Formula Hill: C₅H₉NO₄
Molar Mass: 147,13 g/mol
CAS N°: 56-86-0

Print Date: 23 January 2024

106521 L-Glutamic acid, Ph. Eur.

Specifications

Assay (dried subs)	98,5 - 100,5 %
Identity	conforms
Appearance	
- White	conforms
- Crystalline powder	conforms
Appearance of solution	conforms
Specific rotation (C=10 in HCl 1M)	30,5 - 32,5 °
Specific rotation (C=10 in HCl 2N)	31,2 - 32,2 °
Chloride (Cl)	≤ 0,0200 %
Sulfate (SO ₄)	≤ 0,0300 %
Ammonium (NH ₄)	≤ 0,0100 %
Iron (Fe)	≤ 0,0010 %
Ninhydrin-positive substances	≤ 0,5 %
Loss on drying	≤ 0,5 %
Sulfated ash	≤ 0,1 %

The product cannot be considered as an Active Pharmaceutical Ingredient (API)

Conforms to: Ph. Eur. specification