

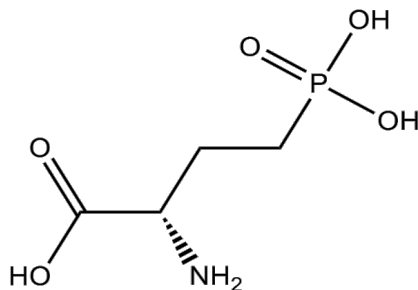
Certificate of Analysis

Product Name: DL-AP4
Cat. No.: GC14687
Batch No.: 1
Chemical Name: (S)-2-amino-4-phosphonobutanoic acid

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 6323-99-5
Molecular Formula: $C_4H_9NO_5P$
Molecular Weight: 183.1
Storage: Store at RT

Chemical Structure:



ANALYTICAL DATA

Appearance: solid
HNMR: Consistent with structure
HPLC: Consistent with structure
Purity: >98%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA