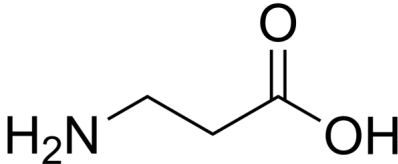


## Certificate of Analysis

Catalog Number	BP16205
Product Name	$\beta$ -Alanine

## Physical and Chemical Properties

Synonyms	beta-Alanine, 3-Aminopropanoic acid, 2-Carboxyethylamine
CAS No.	107-95-9
Chemical Formula	C <sub>3</sub> H <sub>7</sub> NO <sub>2</sub>
Molecular Weight	89.094
Solubility	DMSO: 10mM
Storage	Powder: -20°C for 2 years In solvent: -80°C for 1 year
Chemical Structure OR Tested Image	

## Product Information

Description	$\beta$ -Alanine is a naturally occurring beta amino acid formed in vivo by the degradation of dihydrouracil and carnosine. It acts as a neurotransmitter by activating glycine and GABA receptors.
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## Analytical Data

HPLC	Shows Min >99% purity
H-NMR	Consistent with structure
Stability and Solubility Advice	Information on product stability, especially in solution, has rarely been reported and in most cases we can only provide a general guideline. We recommend that once the stock solution has been prepared, it be stored in equal quantities in sealed vials and used within 1 month. Avoid repeated freezing and thawing cycles. Storage conditions for some special products should be referred to their storage details.

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