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## Product Information

### N-Z-Amine A

Product Number **C 0626**  
Store at Room Temperature

#### Product Description

The average MW is approximately 250 Da. The MW distribution is 54% at 100-200 Da, 36% at 200-500 Da, and 9% at 500-1000 Da.

The approximate amino acid content of this product is as follows:

Amino Acid	Amount (mg/g)
Ala	30
Arg	31
Asp	67
Cys	3
Glu	186
Gly	19
His	22
Ile	44
Leu	75
Lys	68
Met	27
Phe	40
Pro	88
Ser	51
Thr	42
Trp	10
Tyr	28
Val	59

The total amino acid content is approximately 890 mg/g.

This product is an enzymatic digest of casein. This product is not vitamin free. The presence of vitamins has been confirmed, but the amount was not determined. These vitamins are present in most casein enzymatic hydrolysates. It is recommended that a yeast extract be included in culture media to insure the presence of sufficient amounts of vitamins for growth of cultures. Alternatively, meat digests such as Product Nos. P 7750 or P 8388 (peptone type I and type II) can be used in place of N-Z-Amine products as a source of amino acids. The vitamin content will be higher, but it is still advisable to supplement with additional vitamins for fastidious cultures. The type of nutrient used, casein hydrolysate or meat hydrolysate, may influence the type of metabolic byproducts the cultured bacteria will produce.

#### Precautions and Disclaimer

For Laboratory Use Only. Not for drug, household or other uses.

#### Preparation Instructions

This product is soluble in water (100 mg/ml) with heating at 95 °C for 5 minutes.

MWM/AJH 10/02

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