

ACID CASEIN PEPTONE

CAT. N°: 372

DESCRIPTION:

It is an acid hydrolisate of casein. This process destroys glutamine, asparagines, tryptophan, cysteine, serine, threonine, lysine, aspartic acid, proline racemises amino acids and completely destroys vitamins. As this peptone is free from vitamins, it is used for the determination of vitamin content by microbiological methods. It has a good solubility and clarity. It is a raw material to prepare Müller Hinton Agar and broth.

| CHEMICAL | CHARACTERISTICS SPECIFICATIONS | TYPICAL ANALYSIS |
|---------------------|--------------------------------|------------------|
| Amino Nitrogen (AN) | Minimum 4% | 4.95% |
| Total Nitrogen (TN) | Minimum 7.5% | 7.95% |
| AN/TN Ratio | N/A | 62.26% |
| Loss on drying | Maximum 6.0% | 3.3% |
| Ash | Maximum 45.0% | 33.1% |
| pH (2% solution) | 6.0 - 7.5 | 7.0 |

GROWTH SUPPORTING PROPERTIES

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|--------------|--------------|
| Peptone agar | Satisfactory |
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MICROBIOLOGICAL ANALYSIS

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| Standard plate count | Less than 5000 CFU/g |
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