

Advantages of Granulated Media:

- High Pure
- Dust-minimized
- High solubility
- Without additives



LB Broth (Luria/Miller), granulated granulated, for molecular biology

Storage temp.: +20 °C

Standard formulation used for propagation and culturing of *E. coli*. Due to the high salt content particularly suited for bacterial proliferation prior to plasmid preparation.

Granulated, dust-minimized version with high solubility and superior homogeneity.

Application: Use 25 g for 1 l broth.

6673.1	500 g	plastic
6673.2	1 kg	plastic
6673.3	2,5 kg	plastic
6673.4	5 kg	plastic

LB Agar (Luria/Miller), granulated granulated, for molecular biology

Storage temp.: +20 °C

Granulated, dust-minimized version of the Luria-Bertani Agar formulated acc. to Luria and Miller; With high solubility and superior homogeneity.

Application: Use 40 g for 1 l agar.

6675.1	500 g	plastic
6675.2	1 kg	plastic
6675.3	2,5 kg	plastic

2x YT Broth, granulated granulated, for molecular biology

Nutritious medium for proliferation of *E. coli*, formulated in order to increase replication and yield of filamentous ssDNA bacteriophages (such as the M13 phage).

Granulated, dust-minimized version with high solubility and superior homogeneity.

Application: Use 31 g for 1 l broth.

6676.1	500 g	plastic
6676.2	1 kg	plastic
6676.3	2,5 kg	plastic

LB-Agar (Lennox), granulated granulated, for molecular biology

Storage temp.: +20 °C

Granulated, dust-minimized version of the Luria-Bertani Agar formulated acc. to Lennox; With high solubility and superior homogeneity.

Application: Use 35 g for 1 l agar.

Formulation:

Tryptone.....	10 g/l
Yeast extract.....	5 g/l
Sodium chloride (NaCl).....	5 g/l
Agar-Agar.....	15 g/l
pH value.....	7,0 ±0,2
Granulation.....	complies

6671.1	500 g	plastic
6671.2	1 kg	plastic
6671.3	2,5 kg	plastic

LB Broth (Lennox), granulated granulated, for molecular biology

Storage temp.: +20 °C

Standard formulation used for propagation and culturing of *E. coli*. Low salt content for high-copy plasmid proliferation and preparation, as well as for phage propagation under supplementation with magnesium chloride.

Granulated, dust-minimized version with high solubility and superior homogeneity.

Application: Use 20 g for 1 l broth.

Formulation:

Tryptone.....	10 g/l
Yeast extract.....	5 g/l
Sodium chloride (NaCl).....	5 g/l
pH value.....	7,0 ±0,2
Granulation.....	complies

6669.1	500 g	plastic
6669.2	1 kg	plastic
6669.3	2,5 kg	plastic
6669.4	5 kg	plastic

GRANULATED MEDIA & RAW MATERIALS

CASO Broth, granulated

granulated, Ph.Eur., for microbiology

For cultivation of fastidious and non-fastidious microorganisms.

Broth medium A (Ph.Eur. 6.0), Casein Soya Bean Digest Broth (Ph.Eur. 6.3, 7.0, 8.0 and 9.0), Soy Peptone Broth, **TSB Broth**, Tryptic Soy Broth

Storage temp.: +20 °C

Granulated, dust-minimized version with high solubility and superior homogeneity.

Application: Use 30 g for 1 l broth.

Guarantee analysis:

Casein peptone (pancreas hydrolysate)	17 g/l
Soy peptone (papain hydrolysate)	3 g/l
di-Potassium hydrogen phosphate	2,5 g/l
Sodium chloride (NaCl)	5 g/l
Glucose monohydrate	2,5 g/l
pH value	7,3 ±0,2
Granulation	complies

6678.1	500 g	plastic
6678.2	1 kg	plastic

Peptone water, buffered, granulated

granulated, EN ISO 6887, EN ISO 6579, ISO 22964, EN ISO 19250, for microbiology

Diluent for homogenisation of food samples and for sample preparation for microbiological analysis.

Storage temp.: +20 °C

Granulated, dust-minimized version with high solubility and superior homogeneity.

Application: Use 20 g for 1 l broth.

Guarantee analysis:

Pancreatic digest of casein	10 g/l
Sodium chloride (NaCl)	5 g/l
Disodium phosphate	3,5 g/l
Potassium phosphate	1,5 g/l
pH value	7,0 ±0,2
Granulation	complies

6680.1	500 g	plastic
6680.2	1 kg	plastic

Agar-Agar, BioScience, granulated

BioScience-Grade, granulated

Agar of high purity for all culture media used in molecular- and microbiology. Recommended for plating in genetic engineering (GMOs).

Storage temp.: +20 °C

Granulated, dust-minimized Agar-Agar.

Essentially free of impurities that could hinder bacterial growth.

Forming very clear gels.

Particularly recommended for preparation of culture plates used for plating of recombinant bacteria (GMOs) during genetic engineering.

1347.1	250 g	plastic
1347.2	500 g	plastic
1347.3	1 kg	plastic
1347.4	2,5 kg	plastic

Yeast Extract, micro-granuliert

micro-granulated, for bacteriology

Storage temp.: +20 °C

Micro-granulated, water soluble extract of selected autolysed yeast cells. Easy to handle and dust-reduced.



Fig.: Close-up

Yeast extract is used as a rich source for vitamins, carbon and amino acids in many microbiological culture media formulations. Rich in B-vitamins and growth factors.

2904.1	250 g	plastic
2904.2	500 g	plastic
2904.3	1 kg	plastic
2904.4	2,5 kg	plastic
2904.5	5 kg	plastic

Tryptone/Peptone ex casein, granulated

granulated, pancreatic digest, for microbiology

Similar to NZamine

Storage temp.: +20 °C

Granulated, dust-minimized casein peptone made by pancreatic digestion. Rich in short-chained peptides and amino acids, including tryptophane. Essential ingredient of many nutrient media like, for instance, LB, 2YT and others.

6681.1	250 g	plastic
6681.2	500 g	plastic
6681.3	1 kg	plastic
6681.4	2,5 kg	plastic
6681.5	5 kg	plastic



 **Current prices at www.carlroth.com**

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