CLAIMS

1. Process to produce a yeast extract comprising:
   a) subjecting a yeast to autolysis; and
   b) subjecting the autolysate to solid/liquid separation and recovering the soluble fraction,
   whereby the solid/liquid separation in step b) is done at a pH of lower than 5.1 and higher than 1.0.

2. Process according to claim 1, wherein the pH in step b) is 4.2 or less and higher than 1.0.

3. Process according to claim 1 or 2, wherein the pH in step b) is 3.5 or less and higher than 1.0.

4. Process according to any of claims 1-3 wherein the pH is higher than 2.0.

5. Process according to any one of claim 1 to 4 wherein the recovering in step b) is done by centrifugation.

6. Process according to any of claims 1-5 comprising after step b):
   c) converting the RNA into 5'-ribonucleotides.

7. Process according to any one of claims 6, comprising after step c):
   d) separating the 5'-ribonucleotides from other soluble material.

8. A yeast extract characterized in that the turbidity of the yeast extract measured at a dry matter content of 5% is less than 30 NTU.

9. The yeast extract according to claim 9, obtainable by the process of any of claims 1-9.

CLAIMS

1. A process for producing a yeast extract having a low turbidity comprising:
   a) subjecting a yeast to autolysis; and
   b) subjecting the autolysate to solid/liquid separation and recovering a soluble fraction,
   wherein the autolysis in a) is performed at a pH of greater than 5.0, wherein the solid/liquid separation in b) is done at a pH of lower than 4.0 and higher than 1.0, and wherein the turbidity of the yeast extract produced by the process measured at a dry matter content of 5% is less than 20 NTU.

2. The process according to claim 1, wherein the pH in b) is 3.5 or less and higher than 1.0.

3. The process according to claim 1, wherein the pH is higher than 2.0.

4. The process according to claim 1, wherein recovering in b) is done by centrifugation.

5. The process according to claim 1, comprising after b):
   c) converting RNA into 5'-ribonucleotides.

6. The process according to claim 5, comprising after c):
d) separating the 5'-ribonucleotides from other soluble material.

7. A yeast extract wherein turbidity of the yeast extract measured at a dry matter content of 5% is less than 20 NTU.

8. The yeast extract obtainable by the process of claim 1.