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## TECHNICAL INFORMATION

Catalog Number: 903085

### Torula Yeast

**Physical Description:** Yellow to tan powder

#### Typical Analysis:

<b>General</b>		<b>Bacteriological</b>	
Moisture	3.5 to 7.0%	Total Plate Count	< 1500 CFU/g
Protein (N x 6.25)	50 to 60%	Yeast	ca. 1 CFU/g
Ash	< 8%	Mold	0 to 50 CFU/g
Salt (as NaCl)	< 0.5%	E. coli	Negative
Solubility	40.0 to 46.0%	Salmonella	Negative
pH (5% Solution)	5.8	Thermophiles	0 to 125 CFU/10 gm
Thiamine	> 150 ppm	Flat Sours	0 to 50 CFU/10 gm
Riboflavin	> 40 ppm	Mold	0 to 50 CFU/gm
Niacin/Niacinamide	> 300 ppm		
Fat	ca. 2%		
<b>Typical Mineral Assay</b>		<b>Typical Amino Acid Composition</b>	
Potassium	1.8 - 2.20%	Alanine	3.3 - 3.5%
Sodium	0.01 - 0.02%	Arginine	5.3 - 5.5%
Calcium	0.85 - 0.95%	Aspartic Acid	4.5 - 4.7%
Phosphorous	1.5 - 1.9%	Cystine	0.4 - 1.0%
Magnesium	0.15 - 0.25%	Glutamic Acid	14.7 - 15.2%
Silicon	0.04 - 0.06%	Glycine	4.7 - 5.1%
Sulfur	0.50 - 0.80%	Histidine	1.8 - 1.9%
Iron	0.015 - 0.016%	Isoleucine	4.6 - 5.7%
Zinc	0.012 - 0.013%	Leucine	6.7 - 7.3%
Copper	0.0015 - 0.0017%	Lysine	6.5 - 6.9%
Manganese	0.0032 - 0.0034%	Methionine	1.0 - 1.3%
Aluminum	0.0025 - 0.0027%	Phenylalanine	4.2 - 4.6%
Lead	0.00013 - 0.00015%	Proline	3.5 - 3.6%
Cobalt	0.000003 - 0.000005%	Serine	5.1 - 5.9%
Nickel	0.00015 - 0.00017%	Threonine	5.3 - 5.7%
Iodine	0.00020 - 0.00031%	Tryptophan	1.1 - 1.3%
Chloride	0.000025 - 0.000035%	Tyrosine	3.3 - 3.4%
		Valine	6.2 - 6.5%