RPI RESEARCH PRODUCTS INTERNATIONAL

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Serving Science since 1970

TECHNICAL DATA

Yeast Extract
Y20020, Y20025

PHYSICO-CHEMICAL CHARACTERISTICS

COLOR	LIGHT BEIGE
SOLUBILITY	SOLUBLE IN HOT WATER UP TO 350g/l
DENSITY	0.40 - 0.60 Kg/m^3

CHEMICAL ELEMENTS

SODIUM [Na]	Max. 0.5	g % g	ARSENIC [As]	Max. 0.5	ppm
POTASSIUM [K]	Max. 0.5	g % g	CADMIUM [Cd]	Max. 0.1	ppm
MAGNESIUM IMg]	Max. 0.2	g % g	MERCURY [Hg]	Max. 0.05	ppm
CALCIUM [Ca]	Max. 0.1	g % g	LEAD [Pb]	Max. 0.2	ppm
ZINC [Zn]	Max. 0.009	g % g	SELENIUM [Se]	Max. 0.1	ppm
PHOSPHORUS [P]	Max. 1.5	g % g			

(expressed on product as is)

TOTAL AMINO ACIDS

ALANINE [Ala]	3.6	g % g	LYSINE [LYS]	4	g % g
ARGININE [Arg]	2.3	g % g	METHIONINE [Met]	0.3	g % g
ASPARTIC ACID [Asp]	5.1	g % g	PHENYLALANINE [Phe]	2.5	g % g
CYSTINE [Cys]	1.1	g % g	PROLINE [Pro]	1.7	g % g
GLUTAMIC ACID [Glu]	9.5	g % g	SERINE [SER]	2.4	g % g
GLYCINE [Gly]	2.4	g % g	THREONINE [Thr]	2.7	g % g
HISTIDINE [His]	1.0	g % g	TRYPTOPHAN [Trp]	0.1	g % g
ISOLEUCINE [Ile]	2.8	g % g	TYROSIN [Tyr]	1.0	g % g
LEUCINE [Leu]	3.9	g % g	VALINE [Val]	3.1	g % g

(average value of Total Amino Acid expressed on product as is)

VITAMINS

Thiamine [B1]	Max. 100	ppm	Biotin [B8]	Max. 25	ppm
Riboflavin [B2]	Max. 200	ppm	Folates [B9]	Max. 50	ppm
PP- Niacin [B3]	Max. 1000	ppm	Cobalamin [B12]	Max. 25	ppm
Pantothenic [B5]	Max. 400	ppm	Choline	Max. 100	ppm
Pyridine [B6]	Max. 100	ppm	Inositol	Max. 1000	ppm

(expressed on product as is)

GRANULOMETRIC

Mean diameter particles size	*70*	*µm*
HIGHER THAN 800 µm	0	%
BETWEEN 100 and 800 µm	28	%
BETWEEH 0.1 and 100 µm	72	%
BELOW 0.1µm	0	%

g%g = how many grams in 100grams of the product.

3.6 g%g is 3.6 grams in 100g of the product or 3.6%