Product Data Sheet
Hy-Yest 444 Powder

Product Code: 20052813 Date: 21-Jan-14

General Description

Hy-Yest 444 is a spray-dried extract from baker's yeast, *(Saccharomyces cerevisiae*) made from yeast grown specifically for cell nutrition purposes. It has a light colour and gives exceptional clarity in solution. **Hy-Yest 444** is a free-flowing light beige powder in non-dusting form.

Application

Hy-YestTM **444** is suitable for use in pharma fermentation and laboratory media .

Specification

Appearance:	Light brown non-dusting powder.
Organoleptic:	Matches previous control sample.

Chemical Data (typical)

Total Solids	: 94.0%
Total Nitrogen	: 10.8%minimum
Amino Nitrogen	: 5.1% minimum
NaCl	: <1 %
pH	: 6.5 – 7.1
Ash	: 17% maximum

Microbiological Specifications
Standard plate count 10,000 CFU/g maximum
Enterobacteriaceae 10 CFU/g maximum
Moulds and Yeasts 100 CFU/g maximum

Product Information Sheet HY-YEST 444 (5Z10313)

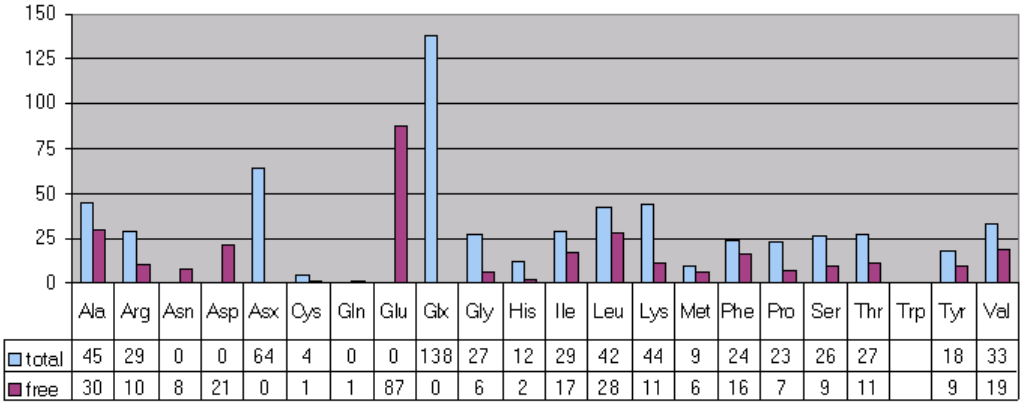
Solubility @ 25oC 75 g/L
Molecular Weight Distribution
>10 kDa 0%
5-10 kDa 0.1%
2-5 kDa 3.5%
1-2 kDa 13.1%
1k-500 Da 16.3%
<500 Da 67.1%

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Registered Office:
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Equinox South
Great Park Road
Bradley Stoke
Bristol BS32 4QL, UK

Typical Amino Acid Profile (mg/g)



	Ala	Arg	Asn	Asp	Asx	Cys	Gln	Glu	Glx	Gly	His	Ile	Leu	Lys	Met	Phe	Pro	Ser	Thr	Trp	Tyr	Val
total	45	29	0	0	64	4	0	0	138	27	12	29	42	44	9	24	23	26	27		18	33
free	30	10	8	21	0	1	1	87	0	6	2	17	28	11	6	16	7	9	11		9	19

Label Information
Kosher
HTSUS: 2106.90.9998

Packaging & Storage
Hy-Yest 444 is packed in 15 kg cardboard carton with polyethylene inner liner. A retest date at 24 months from the Date-of-Manufacture is recommended. Conditions of storage and distribution include protection from moisture, freezing and excessive heat per USP Storage under Nonspecific Conditions.

Packaging Code
Functionality / Results
Local Code
Dosage - % to - %
Min. Order Qty
Source
Pack Quantitiy
Kosher Yes
Weight on Pallet
Halal Yes
Pallet size (cm)
GMO No
Tariff # (BTN)
First Offer List
Product

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Legal Status

Yeast Extract, Kosher
Local food regulations should always be consulted with respect to specific applications and necessary declarations. Legislation may vary from country to country.

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