



## Product Specification

### YEAST EXTRACT POWDER, CERTIFIED

<b>PRODUCT CODE</b>	<b>BC 2027</b>
SYNONYMS	--
C.I. NO.	--
CASR NO.	--
ATOMIC OR MOLECULAR FORMULA	--
ATOMIC OR MOLECULAR WEIGHT	--
PROPERTIES	--

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<b>PARAMETER</b>	<b>LIMIT</b>
Description	Light yellow brown free flow, characteristic odour w/o putrescent
Solubility	2% w/v aqueous solution remains clear w/o any haziness after autoclaving at 121°C (15 lbs) for 15
pH (of 2% w/v aqueous Solution at 25°C)	pH 6.6 ± 0.5
Minimum assay (Total Nitrogen)	>9.50 % w/v
Amino Nitrogen	>3.50% w/v

#### MAXIMUM LIMIT OF IMPURITIES

Loss on drying	<= 5.0%
Residue on Ignition	<= 13.00%
Sodium chloride	<= 5.0%

#### MICROBIOLOGICAL

Total aerobic microbial count (cfu/gm)	<= 250.00
Total yeast & mould count (cfu/gm)	<= 100.00

#### TYPICAL CULTURAL RESPONSE AFTER 18-48 HOURS AT 35°C

<u>Microorganisms</u>	<u>Growth</u>
E.faecalis	good
E.coli	good
B.subtilis	good
Staph aureus	good
Salmonella	good
Pseudomonas	good