

Product Data Sheet

YEAST EXTRACT POWDER (Bacto. Grade)

Product No. GB-DCM-00016-1A

INTENDED USE

Used for bacteriological purpose.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Yellow to light brownish free flowing powder having characteristic yeast odour but not pungent smell.
Solubility (2% soln. at 25°C)	Soluble in distilled water, clear. Insoluble in alcohol
Clarity (2% Soln. at 121°C)	Clear solution. No ppt.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (2% Soln. at 25°C)	5.5 – 6.5
Loss on drying (at 105°C)	NMT – 6.0%
Total Nitrogen (DWB)	NLT – 10.5%
α-Amino Nitrogen	NLT – 2.5%
Total Ash	NMT – 12.0%
Chloride (as NaCl)	NMT – 5.0%

MICROBIAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Total viable count	NMT – 10,000 cfu/g
Escherichia coli	Negative
Salmonella spp.	Negative
Staphylococcus aureus	Negative
Yeast & Moulds	NMT – 100 cfu/g

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

This product is for research use only.