

CM 23614 – YEAST EXTRACT POWDER (Bacto. Grade)

PRODUCT PROPERTIES

C.A.S Number	NA
Chemical Formula	NA
Formula weight	NA
Functional Uses	Used for bacteriological purpose.
Standard Packaging	500 gm

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.

