

1298 - MALT EXTRACT PASTE

INTENDED USE

For cultivation of fastidious anaerobic bacteria. Also for bulk production of vaccines, steroids, enzymes etc.

PRODUCT SUMMARY AND EXPLANATION

Malt Extract Paste is prepared from fresh Malt Extract by enzymatic digestion under the controlled conditions. It is efficient in providing growth and amino acids to fastidious microorganisms. Malt Extract Paste is capable of stimulating the production of red blood cells. It is used as a homeopathic medicine and widely used in pharmaceutical industry as a source of nutrient in microbiological culture media.

PRINCIPLE

It is incorporated in media which is used for the growth of fastidious anaerobic organisms. Malt Extract Paste is rich in vital nutrients including energy producing B Vitamins and serve as an excellent source of proteins. Liver contains many Vitamins and Minerals especially iron. It may be helpful in treating hepatic (Liver) dysfunction and other viral infections.

INSTRUCTION FOR USE

- Homeopathic medicine
- Micro nutrition
- Treatment of hepatic (liver) dysfunction
- Viral infections
- Certain forms of cancer

QUALITY CONTROL SPECIFICATIONS

Appearance	:	Light brown colour thick paste.
Solubility (2% soln. at 25oC)	:	Soluble in distilled water, clear. Insoluble in alcohol
Clarity (2% Soln. at 121oC)	:	Clear solution. No ppt.
pH (2% Soln. at 25oC)	:	5.0 – 6.0
Total Carbohydrates	:	NLT – 45.0%
Total Solid	:	NLT – 70.0%
Microbial Parameter	:	Passes Test
Growth Promotion Test	:	Passes Test

INTERPRETATION

Cultural Characteristic observed in 2%Malt Extract Paste and 1.5% agar after incubation at 35-37°C for 18-24 hours

Microorganism	ATCC	Inoculum (CFU/ml)	Growth
<i>Aspergillus brasiliensis</i>	16404	50-100	Good - Luxuriant
<i>Candida albicans</i>	10231	50-100	Good - Luxuriant
<i>Saccharomyces cerevisiae</i>	9763	50-100	Good - Luxuriant



PACKAGING:

Standard packing is 500gm in plastic bottle. After packing tightly closed in a dry and well-ventilated place.

STORAGE

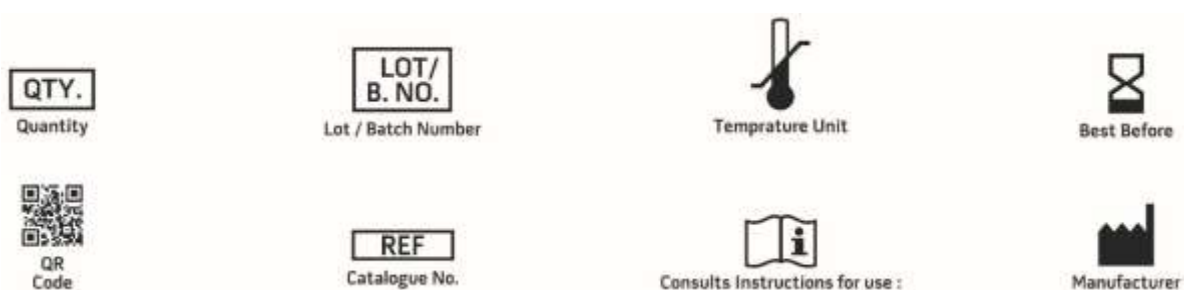
Keep plastic bottle tightly closed in a dry and well-ventilated place, Store at cool place in tightly closed container and away from bright light. Use before expiry date on label. On opening, product should be properly stored in dry ventilated area protected from extremes of temperature and sources of ignition. Seal the plastic bottle after use.

Product Deterioration: Do not use product if any contamination, discoloration or other sign of deterioration is found.

DISPOSAL

After use, contact a licensed professional waste disposal service to dispose of this material. Dispose of as unused product.

REFERENCES :NA



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

***For Lab Use Only**
Revision: 05th Oct. 2019