1220 - OX BILE POWDER (DRIED)
(Bacteriological Grade, General Purpose, Culture Media Ingredient)

INTENDED USE

OX Bile powder (Dried) used as a culture media ingredient and also recommended for Bacteriological grade.

PRODUCT SUMMARY AND EXPLANATION

OX Bile powder (Dried) is a mixture of conjugated bile acids (Cholic Acid, Deoxycholic Acid, Taurocholic and Glycocholic Acids). OX Bile powder (Dried) contains ox bile acids .This powder is specifically been developed for pharmaceutical industry which is prepared by a low temperature dehydration process which ensures a uniform product. It is Greenish yellow color free flowing powder having characteristic Bile odor but not pungent smell and Soluble in distilled water and alcohol.

PRINCIPLE

OX Bile powder (Dried) used as a selective inhibitory agent in bacteriological culture media. OX Bile powder (Dried) derive from fresh liquid ox bile. It is a bitter, alkaline, greenish-yellow liquid that is secreted by the liver, stored in the gallbladder, and discharged into the duodenum and aids in the emulsification, digestion, and absorption of fats.

INSTRUCTION FOR USE

OX Bile powder (Dried) used as an ingredient in pharmaceutical and veterinary digestive preparations. This Powder is used to emulsify lipids in food passing through the intestine to enable fat digestion and absorption through the intestinal wall. Bile salts aid in the breakdown of saturated fats that the digestive system has not been able to convert into unsaturated fats.

QUALITY CONTROL SPECIFICATIONS

Appearance	:	Greenish yellow color free flowing powder having characteristic Bile odor but not pungent smell.
Solubility (2% soln. at 25ºC)	:	Soluble in distilled water and alcohol.
Clarity (2% Soln. at 121ºC)	:	Near to clear.
pH (2% Soln. at 25ºC)	:	6.0 – 7.5
Loss on drying (at 105ºC)	:	NMT – 5.0%
Cholic acid	:	NLT – 45.0%
Total ash	:	NMT – 20.0%
Chloride (as NaCl)	:	NMT – 5.0%
Microbial Parameter	:	Passes Test

PACKAGING:

Standard packing is 100gm, 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 in cool place. 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.

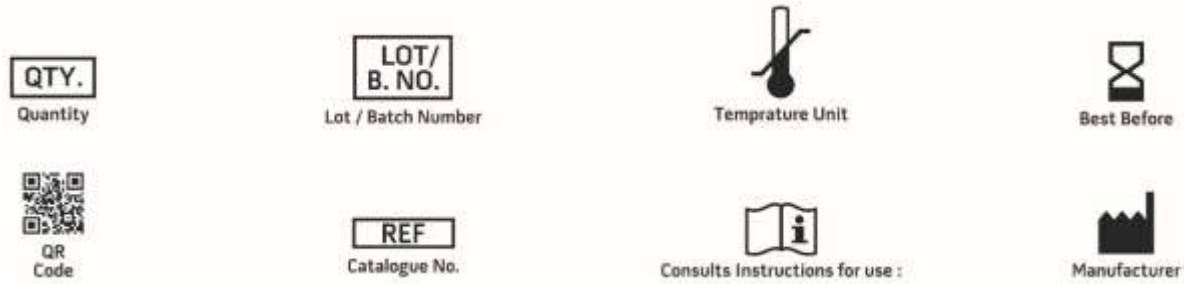
Product Deterioration: Do not use product if any contamination, discoloration or other sign of deterioration is found.

DISPOSAL

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

REFERENCES

1. Vanderzant, C., and D. F. Splittstoesser (eds.). 1992. Compendium of methods for the microbiological examination of food, 3rd ed. American Public Health Association, Washington, D.C.



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

***For Lab Use Only**
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