



# Product Specification

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## OX-GALL POWDER BACTERIOLOGICAL GRADE

|   |   |
|---|---|
| <b>PRODUCT CODE</b>   | <b>340135</b>   |
| <b>SYNONYMS</b>   | --  |
| <b>C.I. NO.</b>   | --  |
| <b>CASR NO.</b>   | --  |
| <b>ATOMIC OR MOLECULAR FORMULA</b>  | --  |
| <b>ATOMIC OR MOLECULAR WEIGHT</b>   | --  |
| <b>PROPERTIES</b>   | --  |
| <b>PARAMETER</b>  | <b>LIMIT</b>  |
| Description   | Light yellow to Light brown Free flowing, homogeneous powder  |
| Solubility  | 2% aq. Solution Yellow, Clear, completely soluble   |
| Stability (After autoclaving)   | Yellow, clear without any precipitate or scum on the surface of the solution                                    |
| pH (25°C)   | 6.0 - 7.0 (2.0%)  |
| Loss on drying  | < 5.0 %   |
| Deoxycholic acid-sodium salt  | ~ 45.0 % - 50.0%  |
| Total Aerobic microbial count   | (By plate count method) : <10,000 cfu/gm  |
| Escherichia coli ATCC 25922   | Absent  |
| Salmonella Typhimurium ATCC 14028   | Absent  |
| Staphylococcus Aureus ATCC 25923  | Absent  |
| Total Yeast and Mould count   | (By plate count method) : <100 cfu/gm   |
| Cultural Response   | Prepare Brilliant Green Bile Broth, using Ox bile as ingredient. Inoculate and incubate at 37°C for 18-24 hours |
| Organism  | Escherichia coli ATCC 25922   |
| Inoculum (cfu) 10-100   | Growth : Good w/ Gas Production   |
| Organism  | Enterobacter aerogenes ATCC 13048   |
| Inoculum (cfu) 10-100   | Growth : Good w/Gas Production  |
| Organism  | Staphylococcus aureus ATCC 25923  |
| Inoculum (cfu) 10-100   | Growth : Inhibited  |
| <b>Note(s):</b> Applications: Dehydrated ox bile ,used is preparation of microbiological culture media as a selectively inhibitory agent. It inhibits bacteria not growing in enteric environment and favours growth of enteric microorganisms. |   |
| <b>DANGER-</b><br><b>Hazard statements :-</b><br><b>Precautionary statements-</b><br><b>Prevention: --</b><br><b>Response: --</b>   | IMDG Code : --<br>UN No. : --<br>IATA : --  |
| <b>Disposal: --</b>   |   |
| Hazard Pictogram(s) :-  |   |