

<b>BI695</b>	<b>Malt Extract, Certified</b>
<b>Specifications</b>	
<b>Appearance</b>	: Cream to brownish yellow homogenous free flowing powder
Sodium chloride	:<= 1.00%
Loss on drying	:<= 6.00%
Residue on ignition	:<= 4.50%
<b>Clarity (1% solution):</b> Clear	
<b>pH (2% solution)</b>	: 5 – 7
<b>Microbial Load:(CFU/g)</b>	
Total aerobic microbial count by plate method when incubated at 30-35 °c for 48 hours	
<b>Bacterial count</b>	: NMT 5000
Total Yeast and mold count by plate method when incubated at 20-25 °c for 120 hours	
<b>Yeast and mold count</b>	: NMT 250
<b>Test for specific organisms</b>	
E.coli	: Absent
Salmonella species	: Absent
Pseudomonas aeruginosa	: Absent
Staphylococcus aureus	: Absent
<b>Cultural response:</b>	
Cultural response observed after an incubation at 25-30°C for 48-72 hours by preparing Malt Extract Agar (B249) using Malt Extract as an ingredient.	
<b>ORGANISM</b>	<b>GROWTH</b>
Candida albicans ATCC 10231	Luxuriant
Saccharomyces cerevisiae ATCC 9763	Luxuriant
Aspergillus brasiliensis ATCC 16404	Luxuriant
<b>Application</b>	
Being rich in carbohydrates it is generally used for preparation of media for cultivation of fungi such as Malt agar, Malt extract agar/broth, Yeast malt agar/broth etc.	
<b>Precaution</b>	
<ol style="list-style-type: none"> <li>1. For Laboratory Use</li> <li>2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.</li> </ol>	

**BIOMARK Laboratories – INDIA**

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**TECHNICAL SHEET**

**Storage** : Below 30<sup>0</sup>c in cool, dry place.

**Packing:** 500 g

**Disclaimer:**

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related BIOMARKLABORATORIES publications.

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