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CERTIFICATE OF ANALYSIS

Name of the Sample : **Glucose Yeast Extract Agar**
Batch No. : **225712**
Date of Mfg. : **June 2022**
Date of Exp. : **May 2025**
Register No. : **2022-23**
Qty of Sample : **500gm**
Date of Analysis : **June 2022**

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	Light yellow to beige homogeneous free flowing powder
2.	Gelling	Passes	Firm, comparable with 1.5% Agar gel
3.	Color & Clarity of Prepared medium	Passes	Yellow colored, clear to slightly opalescent gel forms in Petri plates
4.	Reaction of 2.83% w/v aqueous solution at 25°C	7.34	7.00 - 7.40
5.	Cultural Response Cultural characteristics observed after an incubation at 35-37°C for 24-48 hours.		
	Organism	Inoculum (CFU)	Growth Recovery
	Lactobacillus acidophilus ATCC 4356	50-100	good-luxuriant >=50%
	Lactobacillus bulgaricus ATCC 11842	50-100	good-luxuriant >=50%
	Lactobacillus casei ATCC 9595	50-100	good-luxuriant >=50%

Chief Chemist