



# Certificate of Analysis

**Product** **56055 - Water Agar**  
**Batch No** **5504975**  
**Analysis Date** 20-Mar-2024  
**Date of Manufacture** March 2024  
**Expiry Date/Re-Test Date** March 2027

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to Off-white powder	Complies
Appearance (Form)	Free flowing, homogeneous powder	Complies
Solubility	20.00 gm/liter	Complies
Solubility before autoclaving (Clarity)	Very slightly opalescent	Complies
Gel strength	Firm, comparable with 2.0 % agar gel	Complies
pH (25°C)	7.2 ± 0.2	7.04 Complies
Prepared Medium Appearance after autoclaving (Clarity)	Very slightly opalescent	Complies
Prepared Medium Appearance after autoclaving (Colour)	White to Off-white	Complies
Cultural Response	Inoculate and incubate at 35 - 37° C for bacteria and at 25°C for fungi for 48 -72 hours.	
Organism	Escherichia coli ATCC 25922	
Inoculum (cfu) 10-100	Growth : Fair	Complies
Organism	Pseudomonas aeruginosa ATCC 27853	
Inoculum (cfu) 10-100	Growth : Fair	Complies
Organism	Saccharomyces cerevisiae ATCC 9763	
Inoculum (cfu) 10-100	Growth : Fair - Good	Complies
Organism	Candida albicans ATCC 10231	
Inoculum (cfu) 10-100	Growth : Fair - Good	Complies