

CERTIFICATE OF ANALYSIS

Product Name : Agar Agar Powder 1100 GS (Food Grade)

Date : 25-Jul-24

Batch Number : MH/FG/24/G/44

Qty : 10,000 Unit : KG

MFG Date : JUL2024 EXP Date : JUN2027

Invoice No: MH/EXP/69/24-25 dt.25.07.2024

Sl.no.	PARAMETERS	LIMITS	RESULTS
1	CLARITY	Clear	Clear
2	MOISTURE	15% Max	10.0%
3	PH	6.0-7.5	6.5
4	ASH	<3% Max	1.00%
5	GEL STRENGTH AT 20°C	≥1100gm/cm ²	1150gm/cm ²
6	GELLING TEMPERATURE	37-41°C	39°C
7	MELTING TEMPERATURE	88-97°C	93°C
8	SWELLING INDEX	≥9ml	9ml
9	WATER ABSORPTION	<75ml	60ml
10	GELATIN	Passes Test	Passes Test
11	INSOLUBLE MATTER	<0.5%	<0.5%
12	ACID INSOLUBLE ASH	<0.5%	<0.5%
13	STARCH	Nil	Nil
14	TOTAL HEAVY METALS	<10ppm	<10ppm
15	LEAD (as Pb)	<5ppm	<5ppm
16	ARSENIC (as As)	<3ppm	<3ppm
17	MERCURY	<1ppm	<1ppm
18	CADMIUM	<1ppm	<1ppm
19	TOTAL COLONY COUNT	<1000cfu/gm	<1000cfu/gm
20	SALMONELLA	Absent in 10gm	Absent
21	E.COLI	Absent in 10gm	Absent
22	YEAST	<100cfu/gm	<100cfu/gm
23	MOLD	<100cfu/gm	<100cfu/gm

Analyzed By

QC Chemist

Approved By

QAM

