



ISO 9001:2015 CERTIFIED

**TITAN BIOTECH LIMITED**

AN ISO 9001:2015 CERTIFIED COMPANY

Unit-I: A-902-A, RIICO Industrial Area, Phase-III, Bhiwadi, Rajasthan-301019, INDIA

Unit-II: E-540, Industrial Area, Chopanki, Bhiwadi, Rajasthan-301019, INDIA

Corp. Office: 903-909, 9th Floor, Bigjos Tower, Netaji Subhash Place, Delhi-110034, India

Customer Care Cell: +91-11-71239900, [customercare@titanmedia.in](mailto:customercare@titanmedia.in)

Ref. No.: TBL/QA/SS/MB/1228	<b>STANDARD SPECIFICATION</b>  <b>AGAR SPECIAL</b> <b>( Equivalent To Agar Noble)</b>	Rev. No. : 02
Issue No. : 03		Review Date : 31/01/2021
Issue Date : 01/02/2018		Product Code: 1228

**PHYSICAL PARAMETERS**

S. No.	PRODUCT PARAMETERS	SPECIFICATION
1.	Appearance	Yellowish to creamish colour free flowing powder.
2.	Solubility (2% soln. at 90°C)	Soluble in hot water. Near to clear.
3.	Clarity (1% Soln. at 121°C)	Light yellowish clear jelly liquid.

**CHEMICAL PARAMETERS**

S. No.	PRODUCT PARAMETERS	SPECIFICATION
1.	pH (2% Soln. at 25°C)	6.0 – 7.0
2.	Loss on drying ( at 105°C)	NMT – 12.0%
3.	Gelling Temp.	36 – 38°C
4.	Melting Temp.	85 – 88°C
5.	Total Ash	NMT – 4.0%
6.	Gel Strength (1.5% Gel)	NLT – 900 gm/cm <sup>2</sup>
7.	Heavy Metals (Pb)	NMT – 20 ppm
8.	Acid Insoluble Matter	NMT – 0.5%

**MICROBIAL PARAMETERS**

S. No.	PRODUCT PARAMETERS	SPECIFICATION
1.	Total viable count	NMT – 5,000 cfu/gm
2.	<i>Escherichia coli</i>	Negative
3.	<i>Salmonella spp.</i>	Negative
4.	<i>Staphylococcus aureus</i>	Negative
5.	Yeast & moulds	NMT – 50 cfu/gm

Checked by

Approved by

Page 1 of 1

Electronically Generated Document-Valid Without Signature.