



TITAN BIOTECH LIMITED

AN ISO 9001:2015 CERTIFIED COMPANY



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

R.O. & Works:

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

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

C.I.N. – L74999RJ1992PLC013387

Customer Care Cell: +91-11-71239900, customercare@titanmedia.in

QUALITY ASSURANCE DEPARTMENT

CERTIFICATE OF ANALYSIS

Name of the Product : SOYATONE (SOYA PEPTONE)
Batch No. : B1FB0DU01
Mfg. Date : Apr. - 2020
Best Before : Mar. - 2024

Product Code : 1510
A. R. No. : TB/B/210424-115
Date of Receipt : 24/04/2020
Date of Completion: 30/04/2020

PHYSICAL PARAMETERS

S. No.	PRODUCT PARAMETERS	SPECIFICATION	RESULT
1.	Appearance	Creamish to yellowish color free flowing powder having characteristic odor of Soya.	Complies
2.	Solubility (2% soln. at 25°C)	Soluble in distilled water, clear solution.	Complies
3.	Clarity (2% Soln. at 121°C)	Clear solution. No ppt.	Complies

CHEMICAL PARAMETERS

S. No.	PRODUCT PARAMETERS	SPECIFICATION	RESULT
1.	pH (2% Soln. at 25°C)	6.5 – 7.5	6.75
2.	Loss on drying (at 105°C)	NMT – 6.0%	3.41%
3.	Total Nitrogen (DWB)	NLT – 8.9%	9.21%
4.	α -Amino Nitrogen	NLT – 2.5%	2.76%
5.	Total Ash	NMT – 12.0%	10.16%
6.	Chloride (as NaCl)	NMT – 5.0%	3.32%
7.	Total Carbohydrates	NMT – 30.0%	25.54%
8.	Nitrite Test	Negative	Complies

MICROBIAL PARAMETERS

S. No.	PRODUCT PARAMETERS	SPECIFICATION	RESULT
1.	Total viable count	NMT – 10,000 cfu/gm	150 cfu/gm
2.	<i>Escherichia coli</i>	Negative	Complies
3.	<i>Salmonella spp.</i>	Negative	Complies
4.	<i>Staphylococcus aureus</i>	Negative	Complies
5.	Yeast & Moulds	NMT – 100 cfu/gm	Nil



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GROWTH PROMOTION TEST

Cultural Characteristic observed in 2% Soyatone (Soya Peptone) and 1.5% agar after incubation at 35-37°C for 18-24 hours for Bacteria and at 25- 30°C for 2 – 5 days for Yeast & Molds.

S. No.	MICROORGANISMS	ATCC	GROWTH	RESULT
1.	<i>Staphylococcus aureus</i>	25923	Good	Complies
2.	<i>Escherichia coli</i>	25922	Good - Luxuriant	Complies
3.	<i>Bacillus subtilis</i>	6633	Good	Complies
4.	<i>Salmonella typhimurium</i>	14028	Good - Luxuriant	Complies
5.	<i>Saccharomyces cerevisiae</i>	9763	Good - Luxuriant	Complies
6.	<i>Aspergillus niger</i>	16404	Good	Complies
7.	<i>Candida albicans</i>	10231	Good - Luxuriant	Complies

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