

QUALITY CONTROL DEPARTMENT
-: Certificate of Analysis:-

Name of Product	Muscles XP Pro Mass Gainer Double chocolate 1kg	A.R. No.	TWN/FPF0104/19
TDS No.	TWN/QCD/TDF-0102-00	Received Date	05/02/2019
Batch No.	EMB19004	Date of Release	14/02/2019
Mfg. Date	FEB.2019	Batch Size	1000kg
Best Before	24 months From Mfg.	Sampled Qty.	1 Jar
Specification No.	TWN/FPS/0088-00	Sampled By	Mr Ankit

Sr.No.	Tests	Specifications	Observation	
1.	Description	Brown coloured chocolate flavoured powder.	Brown coloured chocolate flavoured powder.	
2.	Identification	Protein : As confirm by Chemically by Titration	Complies	
3.	Organoleptic Reconstitution (75g in 250-300ml water/milk)	Light Brown to brown Colored Chocolate flavored suspension.	Light Brown to brown Colored Chocolate flavored suspension.	
4.	pH (10.0% solution in water)	Between 7.50 to 9.50	7.89	
5.	Loss On Drying (At 105°C for 3 hrs.)	NMT 8.0 % (w/w)	3.65% w/w	
6.	Bulk Density			
	Untapped	Between 0.45to 0.65 g/ml	0.46g/ml	
	Tapped(100 tap)	Between 0.60 to 0.80g/ml	0.62g/ml	
7.	Assay per serving 75 g			
	Content	Claim	Limit	Result
	Protein	27.0 g	Not less than 90% of Labeled amount i.e. (Not less than 24.30 g)	98.4% 26.59g
8.	Microbial limit test :			
	Microbiological test	Limit	Observation	
	Total bacterial count	NMT 10000 cfu/g	1000 cfu/g	
	Total fungal count	NMT 1000 cfu/g	<100 cfu/g	
	E.coli	Should be absent/g	Absent /g	
	Salmonella Species	Should be absent/25g	Absent /25g	
	Pseudomonas aeruginosa	Should be absent/g	Absent /g	
	Staphylococcus	Should be absent/g	Absent /g	

Remark: The sample complies /does not comply with respect to chemical analysis & Micro analysis.

Analysed By: 

Date: 14/02/2019

Checked By: 

Date: 14/02/2019

Approved By: 

Date: 14/02/2019