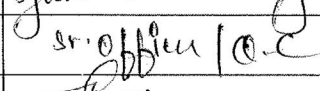
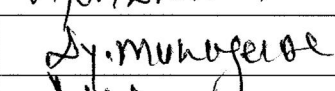
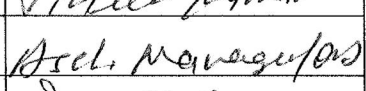


QUALITY CONTROL DEPARTMENT
-: Certificate of Analysis Finished Good: -

Name of Product	: Muscle XP Beginners Protein (Double chocolate flavor) 1 Kg	A.R. No.	: TWN/FPF0381/22
Protocol No.	: TWN/QCD/TDF-0183-00	Received Date	: 21/04/2022
Batch No.	: EMB22023	Date of Release	: 29/04/2022
Mfg. Date	: Apr. 2022	Batch Size	: 170 Kg
Best Before	: 24 months from mfg.	Sampled Qty.	: 1 Pouch
Specification No.	: TWN/FPS/0171-00	Sampled By	: Mr. Ankit

Sr.No.	Tests	Specifications	Observation
1.	Description	Brown colored chocolate flavored Powder	Brown colored chocolate flavored Powder
2.	Identification		
	Protein	Confirms by titration as described in assay	Complies
	Carbohydrate	Confirms by UV Spectrophotometer as described in assay	Complies
3.	Organoleptic Reconstitution (30g in 150-200 of chilled water)	Brown colored chocolate flavored Suspension.	Brown colored chocolate flavored Suspension.
4.	pH (10.0% solution in water)	Between 6.00 to 8.00	7.22
5.	Loss on drying(at 105°c for 3hrs)	Not more than 9.0 % (w/w)	6.8 %w/w
6.	Bulk Density		
	Untapped	Between 0.40 to 0.60 g/ml	0.44 g/ml
	Tapped	Between 0.60 to 0.80 g/ml (100 Taps)	0.63 g/ml

Signatories	Prepared By:	Checked By:	Approved By:
Name	Jyoti Chandelhary	Vijay/Shekhar	Vinod Kumar
Designation/Dept.	Sr. Officer / Q.C	Sy. Manager	Asst. Manager/QC
Signature/Date	 29/04/2022	 29/04/2022	 29/04/2022



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7.	Assay per 30g			
	Content	Claim	Limit	Result
	Protein	12.00 g	Not less than 90% of Labeled amount of protein i.e. (NLT 10.80 g)	11.78 g 98.2 %
	Carbohydrate	13.50 g	NLT 90% of labeled amount of Carbohydrate i.e. (NLT 12.15g)	13.42 g 99.4 %
8.	Microbial Limit Test			
	Total Aerobic Count		NMT 10,000 cfu/g	600 cfu/g
	Total Fungal Count		NMT 1000 cfu/g	<100 cfu/g
	Pathogens:			
	<i>E coli</i>		Should be absent/g	Absent/g
	<i>Salmonella species</i>		Should be absent/25g	Absent/25g
	<i>Pseudomonas aeruginosa</i>		Should be absent/g	Absent/g
	<i>Staphylococcus aureus</i>		Should be absent/g	Absent/g

Remark: All test parameter of the sample complies /does not comply as per the specification.

Signatories	Prepared By:	Checked By:	Approved By:
Name	Jyoti Chaudhary	Vijay Kumar	Vijay Kumar
Designation/Dept.	Sr. Officer/QC	Sy. Manager/QC	Asst. Manager/QC
Signature/Date	[Signature] 29/04/2022	[Signature] 29/04/2022	[Signature] 29/04/2022

