



QUALITY CONTROL DEPARTMENT
-: Certificate of Analysis:-


Name of Product	MUSCLE XP 100% WHEY PROTEIN DOUBLE CHOCOLATE (2KG)	A.R. No.	TWN/FPF0665/18
TDS No.	TWN/QCD/TDF-0039-00	Received Date	30/12/2018
Batch No.	EMB18020	Date of Release	31/12/2018
Mfg. Date	Dec.2018	Batch Size	1200 kg
Best Before	18 months	Sampled Qty.	250 gm
Specification No.	TWN/FPS/0021-00	Sampled By	Mr Ankit

Sr.No.	Tests	Specifications	Observation
1.	Description	Brown coloured chocolate flavored Powder	Brown coloured chocolate flavored Powder
2.	Identification a) Protein b) Carbohydrate	a) As confirm by Chemically by Titration b) As confirm by UV Spectroscopy	Complies Complies
3.	pH	5.0 to 8.0	6.68
4.	Loss on drying (at 105°C for 3 hrs)	NMT 7.0 % (w/w)	4.45% w/w
5.	Organoleptic Reconstitution (33g in 200ml of Drinking water)	Brown Colored Chocolate flavored suspension.	Complies
6.	Bulk Density		
	Untapped	Between 0.25 to 0.45 g/ml	0.31 g/ml
	Tapped (100 tap)	Between 0.30 to 0.50g/ml	0.43 g/ml
7.	Assay		
	Content	Limit	Result
	A) Protein	Not less than 90% of Labeled amount i.e. (Not less than 22.5 g)	99.7% (24.92g)
	B) Carbohydrate	Not less than 90% of Labeled amount i.e. (Not less than 2.07 g)	100.0% (2.30g)

Remark: The sample complies /does not comply with respect to IN-HOUSE specification.

Analysed By: 
Date : 31/12/2018

Checked By: 
Date : 31/12/2018

Approved By: 
Date : 31/12/2018