

QUALITY CONTROL DEPARTMENT
-: Certificate of Analysis:-


Name of Product	: MUSCLE XP L-GLUTAMINE	A.R. No.	: TWN/FPF0340/18
TDS No.	: TWN/QCD/TDF-0036-01	Received Date	: 29/08/2018
Batch No.	: EMB18003	Date of Release	: 04/10/2018
Mfg. Date	: Aug. 2018	Batch Size	: 800kg
Best Before	: 18 month	Sampled Qty.	: 250 gm
Specification No.	: TWN/FPS/0019-01	Sampled By	: Mr. Ankit

Sr.No.	Tests	Specifications	Observation
1.	Description	White to off white powder	White to off white powder
2.	Identification L-Glutamine	Confirms by titration as described in assay	Complies
3.	pH	Between 3.50 to 5.50	4.94
4.	Loss on drying (at 105°C for 3 hrs)	NMT 2.0 % w/w	0.83% w/w
5.	Organoleptic Reconstitution (5g in 250ml drinking water)	Clear odorless solution	Complies
6.	Bulk Density		
	Untapped	Between 0.50g/ml to 0.70g/ml	0.62 g/ml
	Tapped (100 tap)	Between 0.70g/ml to 0.90g/ml	0.80 g/ml
7.	Assay		
	Content	Limit	Result
	Each 5g Contains: L-Glutamine	Not Less Than 90.0% of labeled amount i.e. (Not Less Than L-Glutamine 4.5 g)	101.2% (5.06 g)

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


Analysed By:

Date :


04/10/2018

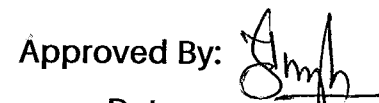
Checked By:

Date :


04/10/2018

Approved By:

Date :


04/10/2018