

# CERTIFICATION OF ANALYSIS

Product Name: TAURINE  
Manufacture Date: 2020.04.09  
Batch No.: TP20200409

Quantity: 1000KGS  
Report Date: 2020.04.10  
Expiry Date: 2022.04.08

Item	Specification	Result
Appearance	White crystalline or crystalline powder	Conforms
Identification	Infrared Absorption	Conforms
Specific rotation $[\alpha]_D^{20}$	+26.3° to +27.7°	+27.2°
Loss on drying	Not more than 0.3%	0.010%
Residue on ignition	Not more than 0.3%	0.07%
Chloride (Cl)	Not more than 0.05%	Less than 0.05%
Sulfate (SO <sub>4</sub> )	Not more than 0.03%	Less than 0.03%
Iron (Fe)	Not more than 30ppm	Less than 10ppm
Heavy metals	Not more than 15ppm	Less Than 8ppm
Chromatographic Purity	Meetthe requirement	Conforms
Assay	98.5% to 101.5%	99.5%
Total plate count	Not more than 1000/g	10/g
Mold	Not more than 100/g	Less than 10/g
Yeast	Not more than 100/g	Less than 10/g
E.Coli	Negative/10g	Not found
Salmonella	Negative/25g	Not found
Staphylococcus aureus	Negative/25g	Not found
Conclusion	The products Conforms to USP32	