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SPECIFICATION SHEET

Product Name	L-GLUTAMIC ACID
Shelf life	3 years
Quantity	5 tons
ITEM	**STANDARD**
Appearance	Crystalline powder
Color	Whitish
Aroma	None
Flavor	Slightly sweet
Identification	Infrared absorption
Assay	98.5 – 101.5%
Transmittance	≥98%
Mesh size	≥90% pas mesh 200
Bulk density	≥0.5 g/ml
Specific Rotation [a]D20^{0}CHLC solution	+6.3^0 - +7.3^0
Loss on Drying	≤0.3%
Ignite residue	≤0.1%
Heavy metals	≤5 ppm
Arsenic	≤1 ppm
Lead	≤0.8 ppm
Cadmium	≤1 ppm
Mercury	≤0.01 ppm
Total plate count	≤1000 cfu/g
Yeast and Molds	≤100 cfu/g
Salmonella	Absent in 10g
Coliforms	≤50 MPN/g

CONCLUSION: THIS BATCH IS CONFORMING WITH THE STANDARD OF FCC X.

Note: The above information is based on the certificate of analysis received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by: _____
Abdullah Malik (QA)