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Certificate of Analysis

PRODUCT NAME:	Monosodium Glutamate	BATCH NO.:	H20230216009
QUANTITY:	21750kgs	PRODUCTION DATE:	2023/02/16
STANDARD:	Food grade	DATE OF EXPIRY:	2026/02/15

ITEM	STANDARD	RESULT
Appearance	Whitish, small crystals	Whitish, small crystals
Aroma	None	None
Flavor	Slightly Salty	Slightly Salty
Mesh size	80 Mesh	Conform
Content, %	Min 99.0	99.67
Chloride, %	Max. 0.1	Below 0.1
Loss On Drying, %	Max. 0.5	0.23
Sulphate, %	Max. 0.05	Below 0.05
Transmittance, %	Min. 98.0	98.00
SPECIFIC ROTATION [A] _D 20 °C (10% Solution)	+24.9 ⁰ – +25.3 ⁰	+25.00 ⁰
Iron, ppm	Max. 5	Below 5
Heavy Metals (As Pb), ppm	Max. 10	Below 10
Arsenic (As), ppm	Max. 1.5	Below 1.5
Ph	6.7-7.2	6.9
Pyrrolidoncarboxyl Acid, %	Max. 0.2%	Below 0.05
Lead (Pb), ppm	Max. 1.0	Below 1.0
Total Plate Count, MPN/g	Max. 1000	Below 100
Mould Count, MPN/g	Max. 100	None
Yeast Count, MPN/g	Max. 100	None
Coliforms, MPN/g	Max. 3	None
Salmonella, MPN/g	NEGATIVE IN 25	None
Pathogenic Bacteria, MPN/g	ABSENT	ABSENT
E. Coli, MPN/g	NEGATIVE IN 25	None
Conclusion:	The above product conforms to standard	

