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## CERTIFICATE OF ANALYSIS

Product Name:	<b>Oxidized Glutathione Powder</b>		
Product Code:	NT620	Mfg. Date:	2025-04-10
Lot No.:	NT250410	Exp. Date:	2027-04-09
ITEMS	SPECIFICATIONS		TEST RESULTS
Identification	HPLC RT		Complies
Appearance	A white to off-white powder		Complies
Clarity and color of solution	Clear and colourless		Complies
Odor	Characteristic odor		Complies
Loss on drying	≤5.0%		4.91%
Specific rotation	-96~-106°		-99.12°
Residue on ignition	≤0.5%		0.20%
Assay	GSSG ≥95.0%		GSSG 95.40%
	GSH ≤0.5%		GSH 0%
Purity(HPLC)	≥98.0%		99.15%
Fe ppm	≤10		<10ppm
Cl ppm	≤200		<200ppm
SO <sub>4</sub> ppm	≤300		<300ppm
NH <sub>4</sub> ppm	≤200		<200ppm
As ppm	≤1		<1ppm
Heavy Metals ( as Pb) ppm	≤10		<10ppm
Total Plate Count , cfu/g	≤1000		Complies
Yeast&Mold, cfu/g	≤100		Complies
Coli Group, MPN/g	≤0.3		Complies

CONCLUSION: The test results comply or pass all of the above-mentioned specification.

