



Xi'an Green Spring Technology Co.,Ltd

Certificate Of Analysis

Product Name:	S-Acetyl-L-Glutathione Powder	Batch Number:	2024091601GS
CAS No.:	3054-47-5	Manufacture Date:	Sep.16,2024
Quantity:	300Kgs	Analysis Date:	Sep.19,2024
ITEM	STANDARD	TEST RESULT	TEST METHOD
Assay	S-Acetyl-L-Glutathione \geq 98%	98.79%	HPLC
	GSH \leq 1.0%	0.68%	HPLC
Physical & Chemical			
Appearance	A White to off-white powder	Complies	Visual
Identification	HPLC RT	Complies	USP<197>
Chlorides	\leq 200ppm	<200ppm	USP<221>
Sulfates	\leq 300ppm	<300ppm	USP<221>
Ammonium	\leq 200ppm	<200ppm	CP<0808>
Iron	\leq 10ppm	<10ppm	USP<241>
Residue on ignition	\leq 0.2%	0.05%	USP<281>
Loss on Drying	\leq 0.5%	0.25%	USP<731>
Heavy Metal			
Heavy metal	\leq 10ppm	<10ppm	ICP-MS
As	\leq 2.0ppm	<2.0ppm	ICP-MS
Pb	\leq 3.0ppm	<3.0ppm	ICP-MS
Cd	\leq 1.0ppm	<1.0ppm	ICP-MS
Hg	\leq 1.0ppm	<1.0ppm	ICP-MS
Microbiological Test			
Total plate count	\leq 1000CFU/g	<100CFU/g	AOAC
Yeast & Mold	\leq 50CFU/g	<25CFU/g	AOAC
Salmonella	Negative	Negative	AOAC
Conclusion: Conform with specification.			
Storage: Keep in cool & dry place. Keep away from strong light and heat.			
Packing: By 25kgs/Drum, inner by plastic bag.			
Shelf life: Two Years under the above condition, and in it's original package.			

Quality Assurance: Liang Yan

