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 ISO/IEC 17025:2017 Accreditation No. 113907

Certificate of Analysis

Product Name:	AKG (Alpha Ketoglutaric Acid)
Prepared for:	Double Wood LLC, 3510 Scotts Lane Suite 219 Philadelphia, PA 19129
Code No:	NSI-4228C
Lot No:	2304-140
Batch Size	2,476,080
Manufacturing Date	September, 2023
Expiration Date	September, 2025
Product Description	Size #0 clear gelatin capsule filled with white powder blend
Average fill weight (10 capsules)	5.26 gm \pm 5%
Average filled weight (10 capsules)	6.26 gm \pm 5%
Disintegration Time	Passes as per USP <2040> Current
Weight variation	Passes as per USP <2091>Current

2 Capsules Contain

Active Ingredients	Claim	Result	Method
Alpha Ketoglutaric Acid	1000 mg	1007.72 mg	HPLC

Other Ingredients: Microcrystalline Cellulose, Silicon Dioxide, Gelatin (capsule)

Microbial Analysis	Microbial Specification	Results	Method
Total Bacterial Count	NMT 10,000 CFU/gram	Pass	Biolumix
Total Mold & Yeast Count	NMT 1,000 CFU/gram	Pass	Biolumix
E. Coli	Negative	Pass	Biolumix
Salmonella/Shigella	Negative	Pass	Biolumix

Heavy Metal Analysis	Heavy Metals Specifications	Results	Method
Lead (Pb)	NMT 0.5 mcg/Daily Dose	0.030 mcg /2capsules	ICP-MS
Mercury (Hg)	NMT 2.0 mcg/Daily Dose	0.042 mcg/2 capsules	ICP-MS
Arsenic (As)	NMT 10 mcg/Daily Dose	0.020 mcg/2 Capsules	ICP-MS
Cadmium (Cd)	NMT 4.1 mcg/Daily Dose	Not Detected	ICP-MS

***In Accordance with 21 CFR § 11.75 result is substantiated through component testing and/or examination: in-process testing, examination, and/or monitoring; and other aspects of the established Production and Process Control System (PPCS)**

D. DeSarno

**Quality Control
9/21/2023**