

CERTIFICATE OF ANALYSIS

COA-20211213-ING-016-009

NutriStart LLC | Stanton, Michigan | FDA Reg. No. 23041234567

Page 1 of 1

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|------------------|------------------|
| Ingredient Code: | ING-016 |
| Ingredient Name: | L-Carnitine |
| Lot Number: | CAR-2022-014-009 |
| Supplier ID: | SUP-014 |
| Manufacturer: | AminoBase GmbH |

| | |
|---------------------|------------|
| Manufacturing Date: | 2021-11-04 |
| Analysis Date: | 2021-12-04 |
| Delivery Date: | 2021-12-13 |
| Expiry Date: | 2023-10-19 |
| Quantity Delivered: | 1647.6 mg |

Supplier: AminoBase GmbH | Lützowufer 6-9, 10785 Berlin, Germany | +49 30 555 8801 | qa@aminobase.de

| Parameter | Specification | Unit | Result | Status |
|--------------------|---------------|--------|----------|--------|
| L-Carnitine purity | ≥98.0% | g/100g | Conforms | PASS |
| Specific rotation | -29° to -32° | ° | Conforms | PASS |
| Heavy metals | ≤10 ppm | ppm | 4.812 | PASS |
| Loss on drying | ≤1.0% | g/100g | Conforms | PASS |

OVERALL DISPOSITION: RELEASED FOR PRODUCTION USE

Analysed by:
M. Thornton — QC Analyst

Reviewed by:
Dr. J. Osei — QA Manager

Approved by:
S. Mehta — VP Regulatory Affairs

Release Date:
2021-12-13