

CERTIFICATE OF ANALYSIS

COA-20211102-ING-020-044

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

Page 1 of 1

Ingredient Code:	ING-020
Ingredient Name:	Choline Chloride
Lot Number:	CHO-2022-014-044
Supplier ID:	SUP-014
Manufacturer:	AminoBase GmbH

Manufacturing Date:	2021-09-23
Analysis Date:	2021-10-23
Delivery Date:	2021-11-02
Expiry Date:	2023-10-18
Quantity Delivered:	1431.9 mg

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

Parameter	Specification	Unit	Result	Status
Purity	≥70.0%	g/100g	Conforms	PASS
Moisture	≤3.0%	g/100g	Conforms	PASS
Heavy metals	≤10 ppm	ppm	3.216	PASS
pH (10% solution)	5.5–7.5	–	7.19	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:
2021-11-02