



400 47th Street, Niagara Falls, NY 14304

MANUFACTURING SITE Niagara Foods (MFG)

| MATERIAL | 20710089 | SODIUM STEAROYL LACTYLATE 50# | | |
|------------|-------------|---------------------------------|-------------|--|
| PRINT DATE | 05.03.2024* | | | |
| | | | | |
| ВАТСН | 0007888419 | BEST BEFORE DATE/EXPIRY DATE | 06.02.2026* | |
| | | PRODUCTION DATE | 07.02.2024* | |

| | | | SPECIF | ICATION |
|--------------------------------|---------|-------|--------|---------|
| INSPECTION CHARACTERISTICS | RESULT | UNITS | LOWER | UPPER |
| Acid Value | 68 | | 60 | 80 |
| Ester Value | 164 | | 150 | 190 |
| Sodium | 4.0 | % | 3.5 | 5.0 |
| Lactic Acid | 31.5 | % | 23.0 | 34.0 |
| Appearance, white/cream powder | Conform | | | |
| Lead (as Pb)** | < 2 | ppm | | 2 |

This Certificate of Analysis is based on batch specific analysis. Parameters marked with ** are not tested for every batch, but are tested periodically. All our raw materials are obtained from only approved suppliers and match with our raw material specifications according to our ISO 9001 quality management system. The analysis results of each batch are archived for 10 years. Each sales order is directly linked to (a) batch number(s). This COA is only valid when the product is in its original, undamaged packaging and when stored under the recommended conditions.

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|-------|------------|------------------------------|-------------|
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*Pan J. Horner*Ian J. Horner, PhD
Quality Manager

The product described in this certificate has been manufactured and tested in accordance with our standard procedures applicable to such product and conforms to the specifications for such product set forth herein.

Unless we have agreed to provide per batch or other testing frequency (in which case conformity has been determined in accordance with our contractual agreement), conformity to specification has been determined based on our risk assessment and our periodic, statistically-based testing program for the product.

All information appearing in this certificate is based upon tests and data we deem reliable. It is the customer's responsibility to determine the suitability of the product for its own use(s) and appropriate shipping, packaging, storage and/or distribution conditions, and no representation, warranty or guarantee, express or implied, is made by us in this certificate as to the suitability or effect of such use(s) or results to be obtained under actual use by customer or other third parties.

^{*}All dates in this document are expressed in the format DD.MM.YYYY