



大连新运科技有限公司
DALIAN NEW FORTUNE TECH CO., LTD.

www.kttchemical.com

CERTIFICATE OF ANALYSIS

DATE: JUL. 8, 2020

| | | | |
|------------------|--|-------------|--------------|
| MANUFACTURER | HENAN JINDAN LACTIC ACID TECHNOLOGY CO., LTD | QUANTITY | 24MT |
| PRODUCT | LACTIC ACID 85% EXCELLENT GRADE FOOD GRADE | BATCH NO | L2007030706 |
| MANUFACTURE DATE | JUL. 3, 2020 | EXPIRY DATE | JUL. 2, 2022 |

THE RESULT OF INSPECTION:

| | | |
|---|--|--------------------|
| Product code | JD-LA85-02 | |
| Chemical name | L-(+)-Lactic Acid, (S)-2-hydroxy- propanoic acid | |
| CAS Number | 79-33-4 ; 50-21-5 (general CAS number) | |
| EU food additive number | E270 | |
| Description | The lactic acid, produced by fermentation, is slight yellowish to colorless, syrupy and hygroscopic liquid with slightly acid odor. The product is GRAS. | |
| Chemical formula | C ₃ H ₆ O ₃ | |
| Molecular weight | 90.08 | |
| CONTENT | SPECIFICATIONS | TEST RESULT |
| Stereochemical purity(L-isomer) | Min 97% | 97.5% |
| Content | Min 85% | 85.2% |
| Color, fresh | Max 50APHA | 20APHA |
| Sulphate | Max 10ppm | < 10ppm |
| Chloride | Max 10ppm | < 10ppm |
| Residue on Ignition | Max 0.05% | < 0.05% |
| Iron | Max 10ppm | < 10ppm |
| Total heavy metals | Max 10ppm | < 10ppm |
| Lead | Max 0.5ppm | < 0.5ppm |
| Arsenic | Max 1ppm | < 1ppm |
| Mercury | Max 1ppm | < 1ppm |
| Cyanide | Max 1ppm | < 1ppm |
| Limit of Citric, Oxalic, Phosphoric and Tartaric Acid | Passes test | Passed test |
| Reducing sugars | Passes test | Passed test |

Remarks:

1.) 1ppm = 1mg/kg = 0.0001%

SENDER'S REFERENCE NO:110/2000T9801340

P/I:NF191104 DD.11.11.2019

TARIFF NO: 29181100

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