



Certificate of Analysis

D- α -Tocopheryl Acetate 700IU/g

Catalog Number: TA1003
Lot Number: 0724801
CAS Number: 58-95-7
Molecular Formula: C₃₁H₅₂O₃
Molecular Weight: 472.74
Storage: 2°C – 8°C
Date of Manufacture: December 18, 2017
Retest Date: December 17, 2019

Test	Specification	Result
Appearance	White to off-white powder	Conforms
Assay	≥ 700IU/g	713IU/g
Identification (FTIR)	To match reference spectra	Conforms
Moisture (LOD)	≤ 5.0%	1.86%
Heavy Metal	≤ 20ppm	< 20ppm
Arsenic	≤ 3ppm	< 3ppm
Cadmium	≤ 1ppm	< 1ppm
Lead	≤ 2ppm	< 2ppm
Mercury	≤ 0.1ppm	< 0.1ppm
Residual Solvents (GC)	Not present	Conforms
Total Plate Count	≤ 1,000cfu/g	< 1,000cfu/g
Yeast & Mold	≤ 100cfu/g	< 100cfu/g
Coliforms	≤ 10cfu/g	< 10cfu/g
<i>E. coli</i>	Negative	Negative
<i>S. aureus</i>	Negative	Negative
<i>Salmonella</i>	Negative	Negative
Particle Size	99% thru 30 mesh	99.48%
Bulk density	0.3g/cm	0.36g/cm
The product contains modified starch ≤ 50% as a carrier and ≤ 1% of flow agent.		

Approved by:

John Grubb, PhD
Gojira Fine Chemicals, LLC
Quality Manager
Tel: 440-539-7033 Fax: 888-211-5523
john@gojiraafc.com

Date: July 24, 2018