



Specification

D-a-Tocopheryl Acetate

Catalog Number: TA1003
CAS Number: 58-95-7
Molecular Formula: $C_{31}H_{52}O_3$
Molecular Weight: 472.74
Storage: 2°C – 8°C
Retest Period: Two years from the date of manufacture.

Test	Specification
Appearance	White to off-white powder
Assay	$\geq 700IU/g$ $\geq 51.40\%$
Identification (FTIR)	To match reference spectra
Moisture (LOD)	$\leq 5.0\%$
Acidity	$\leq 0.5mL$
Heavy Metal	$\leq 10ppm$
Arsenic	$\leq 1ppm$
Cadmium	$\leq 2ppm$
Lead	$\leq 0.5ppm$
Mercury	$\leq 0.1ppm$
Residual Solvents	Not present
Benz(a)-Pyrene	$\leq 2ppb$
Total Plate Count	$\leq 1,000cfu/g$
Yeast & Mold	$\leq 100cfu/g$
Coliforms	$\leq 10cfu/g$
<i>E. coli</i>	Negative
<i>S. aureus</i>	Negative
<i>Salmonella</i>	Negative
Particle Size	99% thru 30 mesh
Bulk density	0.35 – 0.45g/cm
The product contains modified starch $\leq 50\%$ as a carrier.	

Approved:

Date: September 26, 2018

John Grubb, PhD
Gojira Fine Chemicals
Quality Manager
Tel: 440-252-5397, Fax: 888-211-5523
docsupport@gojiraafc.com