



# Twin Rivers Technologies

## PRODUCT SPECIFICATIONS

<b>Product Name :</b>	Oleic Fatty Acid, Vegetable Grade
<b>Product Code:</b>	TRV700K
<b>Chemical name:</b>	Fatty Acids C14-C18
<b>CAS Number :</b>	112-80-1
<b>Grade:</b>	Food Grade, Kosher

<b>Properties</b>	<b>Specifications</b>	<b>Method</b>
Appearance (Melt)	Straw-light yellow	Visual
Acid Value	195-205	AOCS Da 14-48
Saponification Value	197-207	AOCS Cd 3-25
Iodine Value	90-105	AOCS Tg 1a-64
Moisture %	0.3 max	AOCS Ca 2e-84
Color Lovibond Yellow/Red	15 Y / 1.5 R	AOCS Cc 13b-45
Titer	9 max	AOCS Tr 1a-64

<b>Fatty Acid Composition</b>		<b>Method</b>
C18 and lower	13 max	AOCS Ce 1-62/Ce 1e-91
C18:1	70 min	
C18:2	20 max	

*All data, including the formulations and procedures discussed herein are believed to be correct. However, this should not be accepted as a guarantee of their accuracy and confirming tests should be run in your own plant or laboratory. No statement shall be constructed as a recommendation for any use which would violate patent rights. Sales of all products are pursuant to terms and conditions included in Twin River Technologies sales documents. Nothing contained herein shall constitute a guarantee or warranty with respect to the products described or their use. Safety information regarding this product is contained in its Safety Data Sheet (SDS). Users of this product are urged to study and use the information contained on the SDS.*



780 Washington Street  
Quincy, Ma 02169

**TRV700K**  
**Grade: Food Grade, Kosher**  
**Certificate Of Analysis**

\_\_\_\_\_  
(Customer or Consignee)  
\_\_\_\_\_  
(Dept. if applicable)  
\_\_\_\_\_  
(Attention)  
\_\_\_\_\_  
(Delivery Address)  
\_\_\_\_\_  
(City, State, Zip)  
\_\_\_\_\_  
(Approximate weight Lb. KG MT )

Customer P.O. No. \_\_\_\_\_  
Customer Code \_\_\_\_\_  
Vessel No. \_\_\_\_\_  
(Method TC TT Ship Iso )  
TRT Lot No. \_\_\_\_\_  
Delivery No. \_\_\_\_\_

Acid Value (mg KOH/g sample) \_\_\_\_\_  
(AOCS Da 14-48) (195 - 205)

G.C. Chain Length Distribution  
(Weight %) (AOCS Ce 1e-91)

C18 & lower \_\_\_\_\_  
(13 max)

Saponification Value \_\_\_\_\_  
(mg KOH/g sample) (AOCS Cd 3-25) (197 - 207)

C18:1 \_\_\_\_\_  
(70 min)

Iodine Value \_\_\_\_\_  
(cg I/g sample) (AOCS Tg 1a-64) (90 - 105)

C18:2 \_\_\_\_\_  
(20 max)

Moisture, (Weight%) \_\_\_\_\_  
(AOCS Ca 2e-84) (0.3 max)

Appearance \_\_\_\_\_  
(Visual) (Pass) (Straw, Light Yellow)

Color, Lovibond \_\_\_\_\_  
(AOCS Cc 13b-45) (Yellow) (15 max)

Titer, C (AOCS Tr 1a-64) \_\_\_\_\_  
(9 max)

(Red) \_\_\_\_\_  
(1.5 max)

\_\_\_\_\_  
Signature: Date

\_\_\_\_\_  
Quincy Shipping Location

This analysis is not to be constructed as a warranty. Customer is responsible to verify the lot and code numbers of product received with the numbers contained on this report and perform any other analyses necessary to determine suitability of the product described above for the use intended by the customer. No representations as to FDA regulated use are made for this product unless it is designated as meeting either USP, NF Cosmetic grade or Food Grade Status. The foregoing statements are valid up to, but not beyond, delivery to our primary customer. Any subsequent handling, repackaging, storage, processing, etc. render these claims void and unsubstantiated by Twin Rivers Technologies.  
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