

# Chem-Impex International, Inc.

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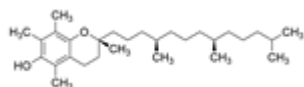
**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications



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<b>Catalogue Number</b>	39273
<b>Product</b>	<b>D-<math>\alpha</math>-Tocopherol</b> Vitamin E (D-form) 2,5,7,8-Tetramethyl-2-(4',8',12'-trimethyltridecyl)-6-chromanol
<b>CAS Number</b>	59-02-9
<b>Molecular Formula</b>	C <sub>29</sub> H <sub>50</sub> O <sub>2</sub>
<b>Molecular Weight</b>	430.72

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<b>Warnings</b>	<i>Light sensitive! Air sensitive!</i>
<b>Appearance</b>	Light yellow to brownish liquid
<b>Solubility</b>	Soluble in ethanol, insoluble in water.
<b>Heavy Metals</b>	≤ 10 ppm
<b>Cation</b>	Arsenic (As): ≤ 2 ppm Mercury (Hg): ≤ 1 ppm
<b>Acid value</b>	< 2mg KOH/g
<b>Yeast and Mold</b>	< 100 cfu/g
<b>Optical Rotation</b>	[ $\alpha$ ] <sub>D</sub> <sup>20</sup> : ≥ 24° (USP Method)
<b>Coliform Organisms</b>	< 40 MPN/100g
<b>Microbial Count</b>	Total plate count: < 1000 cfu/g
<b>Salmonella</b>	Negative
<b>Staphylococcus Aureus</b>	Negative
<b>Potency (as is)</b>	> 1000 IU
<b>Purity by GC</b>	≥ 95%
<b>Storage</b>	Store at -20 °C

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**For Laboratory Use Only**