

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	39266
<b>Product</b>	<b>D-<math>\alpha</math>-Tocopherol succinate</b> Vitamin E succinate
<b>CAS Number</b>	4345-03-3
<b>Molecular Formula</b>	C <sub>33</sub> H <sub>54</sub> O <sub>5</sub>
<b>Molecular Weight</b>	530.79

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<b>Warnings</b>	<i>Heat sensitive!</i>
<b>Appearance</b>	White to off-white crystalline powder
<b>Solubility</b>	Very soluble in chloroform, ether, acetone
<b>Melting Point</b>	73 - 77 °C
<b>Optical Rotation</b>	$[\alpha]^{20}_D = 3 - 5^\circ$ (C = 8 in EtOH)
<b>Assay by titration</b>	$\geq 97\%$
<b>Purity by GC</b>	$\geq 97\%$
<b>Storage</b>	Store at 0 - 10 °C
<b>Additional Information</b>	$\lambda_{max} = 286$ nm (EtOH)

**For Laboratory Use Only**