

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	41933
<b>Product</b>	<b>Chlorophyll a</b>
<b>CAS Number</b>	479-61-8
<b>Molecular Formula</b>	C <sub>55</sub> H <sub>72</sub> MgN <sub>4</sub> O <sub>5</sub>
<b>Molecular Weight</b>	893.49

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<b>Appearance</b>	Dark green or dark blue powder
<b>Solubility</b>	Soluble 0.1 mg/10 mL in diethyl ether
<b>Melting Point</b>	150 - 153 °C
<b>Related Substances</b>	chlorophyll b, free
<b>Storage</b>	Store at ≤ -10 °C
<b>Additional Information</b>	$\epsilon$ (extinction coefficient) = 11.1-12.1 × 10 <sup>4</sup> (diethyl ether)

**For Laboratory Use Only**