

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	42111
<b>Product</b>	<b>Lipoic acid, reduced</b> (±)-Dihydrolipoic acid (±)-6,8-Dimercaptooctanoic acid
<b>CAS Number</b>	462-20-4
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>16</sub> O <sub>2</sub> S <sub>2</sub>
<b>Molecular Weight</b>	208.34
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<b>Synonym 3</b>	DL-6,8-Thioctic acid, reduced
<b>Synonym 4</b>	DHLA
<b>Appearance</b>	Colorless, yellow or orange liquid
<b>Boiling point</b>	175 °C / 0.08 mmHg (Lit.)
<b>Flash Point</b>	172 °C
<b>Refractive Index</b>	n <sub>20D</sub> 1.52
<b>Assay by titration</b>	≥ 97%
<b>Purity by GC</b>	≥ 97%
<b>Grade</b>	analytical standard
<b>Application</b>	HPLC: suitable, gas chromatography (GC): suitable
<b>Storage</b>	Store at RT

**For Laboratory Use Only**