

# *Chem-Impex International, Inc.*

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## *Product Specifications*

<b>Catalogue Number</b>	42407
<b>Product</b>	<b>(-)-Epicatechin gallate</b> (-)- <i>cis</i> -3,3',4',5,7-Pentahydroxyflavane 3-gallate
<b>CAS Number</b>	1257-08-5
<b>Molecular Formula</b>	C <sub>22</sub> H <sub>18</sub> O <sub>10</sub>
<b>Molecular Weight</b>	442.38

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<b>Warnings</b>	<i>Heat sensitive!</i>
<b>Appearance</b>	White, light yellow or light orange crystalline powder
<b>Melting Point</b>	255 °C
<b>Elemental Analysis (Found)</b>	C=58.2 - 60.9%
<b>Optical Rotation</b>	$\alpha_{D}^{20} = -185$ to $-175^{\circ}$ (C=1 in EtOH)
<b>Purity by HPLC</b>	$\geq 98\%$
<b>Storage</b>	Store at 2 - 8 °C

**For Laboratory Use Only**