

# Chem-Impex International, Inc.

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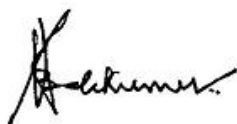
Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalogue Number</b>	00158
<b>Product</b>	<b>Glutathione oxidized</b>
<b>Lot Number</b>	000718-46391300 ( $\gamma$ -Glu-Cys-Gly) ( $\gamma$ -Glu-Cys-Gly) [Disulfide bridge: 2a-2b] GSSG
<b>CAS Number</b>	27025-41-8
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>32</sub> N <sub>6</sub> O <sub>12</sub> S <sub>2</sub>
<b>Molecular Weight</b>	612.63
<b>Appearance</b>	White lyophilized powder
<b>Cation</b>	Iron (Fe): 2 ppm Lead (Pb): 1 ppm
<b>Water Content (Karl Fisher)</b>	3.1%
<b>Infrared Spectrum</b>	Conforms to structure
<b>Related Substances</b>	GSH (enzym.): 0.1%
<b>Residue On Ignition</b>	0.05% (800 °C, sulphated ash)
<b>Assay</b>	95% (Enzymatic, on dry basis)
<b>Purity by HPLC</b>	98.0%
<b>Storage</b>	Store at 0-8 °C
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager