

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	09910
<b>Lot Number</b>	001902-529-1
<b>Product</b>	<b>S-Acetamidomethyl-3-mercaptopropionic acid</b> S-Acetamidomethyl-deamino-cysteine
<b>CAS Number</b>	52574-08-0
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>11</sub> NO <sub>3</sub> S
<b>Molecular Weight</b>	177.22

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<b>Appearance</b>	White powder
<b>Melting Point</b>	76.0 - 77.5 °C
<b>Water Content (Karl Fisher)</b>	0.3%
<b>Related Substances</b>	Dithiopropionic acid : 0.04% Mercaptopropionic acid : Not detected
<b>Assay by titration</b>	100.1%
<b>Purity by HPLC</b>	98.8%
<b>Storage</b>	Store at 0-8°C

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<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only
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The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager