

# Chem-Impex International, Inc.

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825 Dillon Drive

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## Certificate of Analysis

<b>Catalogue Number</b>	05918
<b>Lot Number</b>	000127-1029224
<b>Product</b>	<b>S-9-Fluorenylmethyl-L-cysteine hydrochloride</b>
	L-Cys(Fm)-OH•HCl
<b>CAS Number</b>	84888-34-6
<b>Molecular Formula</b>	C <sub>17</sub> H <sub>17</sub> NO <sub>2</sub> S•HCl
<b>Molecular Weight</b>	335.88

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<b>Appearance</b>	White powder
<b>Solubility</b>	Clear, colorless solution (10mg/mL Formic acid 80%)
<b>Elemental Analysis (Theory)</b>	C = 68.2%; H = 5.7%; N = 4.7%
<b>Elemental Analysis (Found)</b>	C = 68.4%; H = 5.8%; N = 4.7%
<b>TLC System</b>	n-Butanol/Acetic acid/H <sub>2</sub> O (4:2:2) Ethylacetate/Pyridine/Acetic acid/H <sub>2</sub> O (6:5:1:3) Methanol/Chloroform/Ammonia 17% (2:2:1) Plate: Silicagel 60 F <sub>254</sub> Detected by: UV, ninhydrin, chlorine-tolidine
<b>Purity by TLC</b>	> 99%
<b>Storage</b>	Store at 0-8 °C

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**Remarks**

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**