

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Certificate of Analysis*

<b>Catalogue Number</b>	27573
<b>Lot Number</b>	002399-15051302
<b>Product</b>	<b>2-Mercapto-1,3,4-thiadiazole</b>

1,3,4-Thiadiazole-2-thiol

1,3,4-Thiadiazol-2-yl hydrosulfide

<b>CAS Number</b>	18686-82-3
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<b>Molecular Formula</b>	C <sub>2</sub> H <sub>2</sub> N <sub>2</sub> S <sub>2</sub>
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<b>Molecular Weight</b>	118.18
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<b>Appearance</b>	Off-white crystalline powder
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<b>Melting Point</b>	142.5 °C
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<b>Water Content (Karl Fisher)</b>	≤ 0.3%
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<b>Particle Size</b>	325 Grit, pass through efficiency 99.1%
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<b>Ash</b>	0.2%
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<b>Purity by HPLC</b>	99.5%
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<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**