

# *Chem-Impex International, Inc.*

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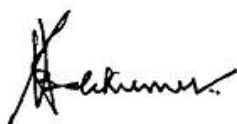
## *Certificate of Analysis*

|                          |   |
|--------------------------|---|
| <b>Catalogue Number</b>  | 17027   |
| <b>Lot Number</b>        | 001969-20121225                                 |
| <b>Product</b>           | <b>Thiazole-4-carboxylic acid</b>               |
| <b>CAS Number</b>        | 3973-08-8                                       |
| <b>Molecular Formula</b> | C <sub>4</sub> H <sub>3</sub> NO <sub>2</sub> S |
| <b>Molecular Weight</b>  | 129.14  |

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|--------------------------|--|
| <b>Appearance</b>        | White to off-white powder  |
| <b>Melting Point</b>     | 195-199 °C   |
| <b><sup>1</sup>H NMR</b> | Conforms to structure  |
| <b>Purity by HPLC</b>    | 98.6%  |
| <b>Storage</b>           | Store at 0-8°C   |
| <b>Remarks</b>           | See material safety data sheet for additional information<br>For laboratory use only |

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



**Bala Kumar**  
**Quality Control Manager**