

# Chem-Impex International, Inc.

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## Certificate of Analysis

|                          |   |
|--------------------------|---|
| <b>Catalogue Number</b>  | 14358   |
| <b>Product</b>           | <b>(R)-5,5-dimethyl-1,3-thiazolidine-4-carboxylic</b> |
| <b>Lot Number</b>        | 000424-180510-24799<br>(R)-Dtc-OH                     |
| <b>CAS Number</b>        | 72778-00-8  |
| <b>Molecular Formula</b> | C <sub>6</sub> H <sub>11</sub> NO <sub>2</sub> S      |
| <b>Molecular Weight</b>  | 161.22  |

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|                                 |  |
|---------------------------------|--|
| <b>Appearance</b>               | White to off-white powder                                |
| <b>Optical Rotation</b>         | [α] <sub>D</sub> <sup>20</sup> = - 149.7° (C=1 in water) |
| <b>Infrared Spectrum</b>        | Conforms to structure                                    |
| <b>Analysis by Mass Spectra</b> | Conforms to standard                                     |
| <b>Residual Solvents</b>        | Not identified   |
| <b>Related Substances</b>       | Not identified   |
| <b><sup>1</sup>H NMR</b>        | Conforms to structure                                    |
| <b>Purity by HPLC</b>           | 100%   |
| <b>Storage</b>                  | Store at 0-8°C   |

**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**