

# *Chem-Impex International, Inc.*

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## *Product Specifications*

|                          |   |
|--------------------------|---|
| <b>Catalogue Number</b>  | 33393   |
| <b>Product</b>           | <b>(1<i>S</i>,2<i>S</i>)-<i>N,N,N'',N''</i>-Tetramethyl-1,2-cyclohexanediamine</b><br>(1 <i>S</i> ,2 <i>S</i> )- <i>N1,N1,N2,N2</i> -Tetramethylcyclohexane-1,2-diamine |
| <b>CAS Number</b>        | 53152-68-4  |
| <b>Molecular Formula</b> | C <sub>10</sub> H <sub>22</sub> N <sub>2</sub>  |
| <b>Molecular Weight</b>  | 170.3   |

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|------------------------------------|----------------------------------|
| <b>Appearance</b>                  | Colorless or light yellow liquid |
| <b>Water Content (Karl Fisher)</b> | ≤ 1.0%                           |
| <b>Related Substances</b>          | ≤ 1.0%                           |
| <b>Chiral HPLC</b>                 | ≥ 99% (ee)                       |
| <b>Other Enantiomer</b>            | R-Enantiomer: ≤ 1.0%             |
| <b>Purity by GC</b>                | ≥ 99%                            |
| <b>Purity by HPLC</b>              | ≥ 99%                            |
| <b>Storage</b>                     | Store at RT                      |

**For Laboratory Use Only**