

# *Chem-Impex International, Inc.*

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## *Product Specifications*

|                                    |   |
|------------------------------------|---|
| <b>Catalogue Number</b>            | 33340   |
| <b>Product</b>                     | <b>(1<i>R</i>,2<i>R</i>)-<i>N,N'</i>-Dimethyl-1,2-cyclohexanediamine</b><br>( <i>R,R</i> )-(-)- <i>N,N'</i> -Dimethyl-1,2-diaminocyclohexane<br><br>trans-1,2-Bis(methylamino)cyclohexane |
| <b>CAS Number</b>                  | 68737-65-5  |
| <b>Molecular Formula</b>           | C <sub>8</sub> H <sub>18</sub> N <sub>2</sub>   |
| <b>Molecular Weight</b>            | 142.24  |
| <hr/>                              |   |
| <b>Appearance</b>                  | White solid   |
| <b>Water Content (Karl Fisher)</b> | ≤ 0.5%  |
| <b>Chiral HPLC</b>                 | ≥ 99% (ee)  |
| <b>Other Enantiomer</b>            | S-Enantiomer: ≤ 1.0%  |
| <b>Purity by GC</b>                | ≥ 99%   |
| <b>Purity by HPLC</b>              | ≥ 99%   |
| <b>Storage</b>                     | Store at 2 - 8 °C   |

**For Laboratory Use Only**