

# *Chem-Impex International, Inc.*

---

**Tel:** (630) 766-2112

**E-mail:** sales@chemimpex.com

**Shipping and Correspondence:**

935 Dillon Drive

Wood Dale, IL 60191

**Fax:** (630) 766-2218

**Web site:** www.chemimpex.com

**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

---

## *Product Specifications*

|                          |  |
|--------------------------|--|
| <b>Catalogue Number</b>  | 30700  |
| <b>Product</b>           | <b>(1<i>R</i>,2<i>R</i>)-(+)-1,2-Diphenylethylenediamine</b><br><br>(1 <i>R</i> ,2 <i>R</i> )-(+)-1,2-Diamino-1,2-diphenylethane |
| <b>CAS Number</b>        | 35132-20-8   |
| <b>Molecular Formula</b> | C <sub>14</sub> H <sub>16</sub> N <sub>2</sub>   |
| <b>Molecular Weight</b>  | 212.29   |

---

|                         |  |
|-------------------------|--|
| <b>Appearance</b>       | White to light yellow crystalline powder                 |
| <b>Melting Point</b>    | 81-83 °C   |
| <b>Optical Rotation</b> | [α] <sub>D</sub> <sup>20</sup> = +102 ± 1° (C=1 in EtOH) |
| <b>Loss on Drying</b>   | ≤ 0.1%   |
| <b>Purity by HPLC</b>   | ≥ 99.5%  |
| <b>Chiral Purity</b>    | ≥ 99.5% (ee)   |
| <b>Storage</b>          | Store at 0-8 °C  |

**For Laboratory Use Only**