

# Typical Product Specifications & Properties

## (+)-g-Tocopherol

CAS Number: : 54-28-4

| Specifications      | Limits                                                                                                                                         |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular weight    | 416.68                                                                                                                                         |
| EINECS              | 200-201-5                                                                                                                                      |
| SMILES              | <chem>C([C@@]1(CCc2c(O1)c(c(c2)O)C)C)CC[C@H](C)CCC[C@H](C)CCCC(C)C</chem>                                                                      |
| InChI               | QUEDXNHFTDJVIY-DQCZWYHMSA-N                                                                                                                    |
| InChIKey            | 1S/C28H48O2/c1-20(2)11-8-12-21(3)13-9-14-22(4)15-10-17-28(7)18-16-25-19-26(29)23(5)24(6)27(25)30-28/h19-22,29H,8-18H2,1-7H3/t21-,22-,28-/m1/s1 |
| Boiling Point       | 200 &deg;C (0.1 mmHg)                                                                                                                          |
| Alpha               | 30 ° (C=2.0 IN ISOOCTANE 25 °C)                                                                                                                |
| Storage Temperature | 2-8&deg;C                                                                                                                                      |
| Merck               | 13,9573                                                                                                                                        |
| Refractive Index    | 1.505                                                                                                                                          |