

Specification

Technical Data Sheet

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|----------------------------|-------------|
| Product Name | Docetaxel |
| Product No | 75180981 |
| CAS Number | 114977-28-5 |
| Storage Temperature | 2 to 8 °C |
| Molecular Weight | 807.88 |

Specification

| | |
|------------------------|------------------------------|
| Appearance | White to off-white powder |
| Acetone | 0.39% |
| Identification | HPLC: Conforms, IR: Conforms |
| Water | 0.43% |
| Assay | 100.8% |
| Dichloromethane | 0.01% |
| Ethyl acetate | 0.01% |

Specification

| | |
|----------------------------------|---|
| Methanol | Not detected |
| Specific optical rotation | -47.5 deg |
| Specification | Conforms to EP6 |
| Sulphated Ash | 0.06% |
| UV Absorbance | Lambda max: 233.4nm |
| Heavy Metal | 30ppm max |
| Related Impurities | Sum of impurities: 0.27%, Other single impurity: 0.06%, A: 0.06%, B:0.03%, C: 0.05% |
