

Code No.04-3274

SPECIFICATION

Demeclocycline Hydrochloride Standard

for High Performance Liquid Chromatography

| REQUIREMENT | SPECIFICATION |
|--|---|
| Appearance | Yellow ~ greenish yellow, |
| Solubility in water | crystalline powder ~ powder to pass test |
| Specific rotation $[\alpha]_{D20}(c=1, H_2O)$ (calculated on the dried basis) | under investigation |
| Loss on drying at 60°C in vacuum | max.2.0% |
| Assay (HPLC) | min.95.0% |