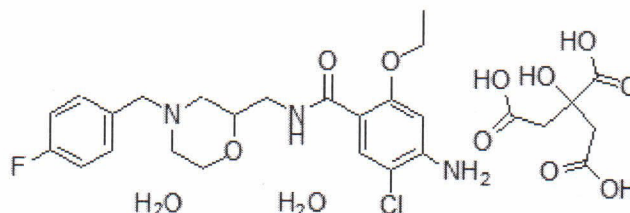


Batch no 240401
Mfg date Apr 13 2024
Expiry Apr 12 2027

Molecular Structure



Molecular Formula $C_{27}H_{37}ClFN_3O_{12}$
Molecular Weight 650.05
CAS Registry Number 636582-62-2

Apr 23 2024

| <u>Tests</u> | <u>Specifications</u> | <u>Results</u> |
|---------------------|---|----------------|
| Appearance | White, odorless crystalline powder | Conforms |
| Identification | Chemical reaction of citrate, HPLC, IR | Positive |
| Water | 5.0 ~ 6.5% | 5.79% |
| Fluorine | 2.6 ~ 3.2% | 2.88% |
| Chloride | ≤ 0.01% | Conforms |
| Sulfate | ≤ 0.08% | Conforms |
| Related substances | Single impurity ≤ 0.1% | 0.05% |
| | Total impurities ≤ 0.5% | 0.3% |
| Heavy metals | ≤ 20 ppm | Conforms |
| Residue on ignition | ≤ 0.1% | 0.02% |
| Residual solvents | Ethanol ≤ 0.5% | ND |
| | Methanol ≤ 0.3% | 0.0406% |
| | Dichloromethane ≤ 0.06% | ND |
| | Chloroform ≤ 0.006% | ND |
| | Toluene ≤ 0.089% | ND |
| Assay (oab) | 98.5 ~ 101.0% of $C_{27}H_{33}ClFN_3O_{10}$ | 99.13% |

| | |
|-----------------------|--------------------------------|
| Packaging and storage | Store in an airtight container |
| Conclusion | Material complies with JP17 |