

Code No.24-0001

SPECIFICATION

Xanthine

Wako 1st Grade

| REQUIREMENT | SPECIFICATION |
|-------------------------------------|--|
| Appearance | White ~ pale yellow, crystalline powder ~ powder |
| Solubility in dil.ammonia solution | to pass test |
| Absorption maximum (1) | 238~242nm |
| Absorption maximum (2) | 275~279nm |
| Absorbance (10mg/L, λ max1) | 0.57~0.61 |
| Absorbance (10mg/L, λ max2) | 0.60~0.64 |
| Residue after ignition (as sulfate) | max.0.5% |
| Assay (HPLC) | under investigation |