



## Specification

### Oxytetracycline HCl

**Catalog Number:** OS1001  
**CAS Number:** 2058-46-0  
**Molecular Formula:**  $C_{22}H_{24}N_2O_9 \cdot HCl$   
**Molecular Weight:** 496.89  
**Storage:** 15°C – 30°C  
**Retest Period:** Two years after date of manufacture.

Test	Specification
Appearance	Yellow Crystalline Powder
Assay (Dried Basis)	≥ 95.0%
Specific Optical Rotation	-188° to -200°
Loss of Drying	≤ 2.0%
Impurity A	≤ 0.5%
Impurity B	≤ 2%
Impurity C	≤ 2%
Impurity D, E, and F	≤ 2%
Any Other Detected Impurity	≤ 0.1%
Sulphated ash	≤ 0.5%

Approved by:

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