

Specification Sheet

Product Name: **Oxytetracycline dihydrate**
Specifications & Purity: **97%**
SKU #: **O107861**

Parameter	Limit Values
Absorbance 353nm (1%, 1cm)	290-310
Sulfate Ash	0-0.5 (%)
Purity(HPLC)	97-100 (%)
Heavy metal (as Pb)	0-50 (ppm)
Water by Karl Fischer	6-9 (%)
Impurity absorption 430nm	0-0.25
Impurity absorption 490nm	0-0.2
Appearance (O107861)	yellow powder
Infrared spectrum	Conforms to Structure
Proton NMR spectrum	Conforms to structure
Specific rotation $[\alpha]_{25/D}(c=1, 0.1 \text{ M HCl})$	-216--203 (°)