

Specification

Technical Data Sheet

Product Name	Oxytetracycline
Product No	20887879
CAS Number	79-57-2
Storage Temperature	2 to 8 °C
Molecular Weight	460.43
	Specification
Appearance	Yellow crystalline powder
Heavy metals	≤ 50ppm
pH	4.5 - 7.5 (1% aq.)
Specific rotation	-203 to -216°
Water	6.0 - 9.0%
Absorbance	290 - 310 @ 353nm (pH 2.0)
Assay	95.0 - 102.0%

Specification

Sulfated ash $\leq 0.5\%$

Light absorbing impurities Absorption @ 430 nm ≤ 0.25 Absorption @ 490nm ≤ 0.20
