

Oxytetracycline (i88030)

Broad-spectrum antibiotic.

CAS Number	79-57-2	EC Number	201-212-8
Formula	C ₂₂ H ₂₄ N ₂ O ₉	Molecular Weight	460.434 g/mol
Expiration Date*	1 Year		

*The expiration date of a standard is defined as the amount of time that it should remain in use after opening depending on the standard condition

Storage Keep container tightly closed in a dry, cool and well-ventilated place. Protected from light.

Test	Specification
Appearance	deep yellow to light brown powder
pH	no data available
Density	no data available
Melting point	184.5°C
Water solubility	313 mg/L
Specific Optical Rotation [alpha] (c = 1 in 0.1 mol/L HCl, 20 °C, calculated on dry matter)	-216.0 to -203.0
Quantitative 1H-NMR (calculated on dry matter)	Min. 94 %
1H-NMR Spectrum	Conforms to Standards
13C-NMR Spectrum	Conforms to Standards