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Specification Sheet

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

Parameter

Absorbance 353nm (1%, 1cm)

Sulfate Ash

Purity(HPLC)

Heavy metal (as Pb)

Water by Karl Fischer

Impurity absorption 430nm

Impurity absorption 490nm

Appearance (O107861)

Infrared spectrum

Proton NMR spectrum

Specific rotation $[\alpha]_{25}^D(c=1, 0.1 \text{ M HCl})$

Limit Values

290-310

0-0.5 (%)

97-100 (%)

0-50 (ppm)

6-9 (%)

0-0.25

0-0.2

yellow powder

Conforms to Structure

Conforms to structure

-216--203 (°)

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