



ISO 9001 CERTIFIED  
ISO 13485 CERTIFIED

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CERTIFICATE OF QUALITY

**Product:** CHLORTETRACYCLINE HYDROCHLORIDE

**Grade:** USP GRADE

**Code:** K653

Appearance: Yellow crystalline powder.

Mol. Formula: C<sub>22</sub>H<sub>23</sub>ClN<sub>2</sub>O<sub>8</sub>\*HCl

Mol. Weight: 515.34

Description:

<u>Assay:</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>	<u>Disposition</u>
Crystallinity	PASS		P/F	PASS
Identification	PASS		P/F	PASS
Loss on Drying		2.0	%	PASS
pH (1%, Water) @25C	2.3	3.3		PASS
Potency	900		mcg/mg	PASS
Specific Rotation	-250	-235	degrees	PASS

Storage: Store cold. Keep dry. Warm to room temperature before opening.

*k653usp*

This signature indicates that the above material has met all quality specifications and has been reviewed by a quality representative.

Signature:

Title:

QC MANAGER

Date:

6/6/2012