



659 Andover Street
Lawrence, MA 01843-1032, USA
Tel: 1.978.687.9200 Fax: 1.978.687.9216

Certificate of Quality

Product Name: Charm MRL Beta-lactam 3 Minutes Test

Lot Number: MRLBL3-014C

Expiration Date: December 2024

Order Codes: LF-MRLBL3, LF-MRLBL3P

This product was quality tested and met Charm Sciences' quality control criteria for release for sale including performance and appearance specifications.

A handwritten signature in blue ink, appearing to read "Michael T. Wade", is written over a horizontal line.

Name: Michael T. Wade
Title: Document Control Manager
Date: 03/14/2024

TYPICAL COUNTS for
Charm MRL Beta-lactam 3 Minute Test

See Operator's Manual for use and application.

Kit Code: LF-MRLBL3

Lot Number: MRLBL3-014C

Charm ROSA Reader

Negative Control	-1313	2356	4.2 ppb Penicillin G
	-1691	2427	Tablet Positive Control
	-2229	2066	
	-1565	2754	
	-1755	2387	
	-1566	2092	
	-1793	2123	
	-1630	2375	
	-1868	2005	
	-1200	2068	

Note: Typical counts are provided as a performance guide only.
Operators' daily control numbers may be compared to the supplied information as an operator, equipment and analyzer calibration check. Daily control data should typically test in the range of data points provided. The control point for the MRL Beta-lactam 3 minute test is always zero.



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CERTIFICATE OF ANALYSIS

PRODUCT: Penicillin G Positive Tablet
(5.0 ml, 5.0 ± 0.5 ppb or 6.25 ml, 4.0 ± 0.4 ppb)

LOT NUMBER: STDP-025

EXPIRATION DATE: February 2025

ORDER CODE: LF-PG5-TBL

DESCRIPTION: Contains 25.0 ± 2.5 ng freeze dried Penicillin G manufactured from official USP (U. S. Pharmacopeia) Reference Standard Penicillin G Potassium, catalog number 50250.

Finished product quality control approval is based on Charm II Beta-lactam Test, Charm SL Beta-lactam Test and Charm MRL Beta-lactam Test testing within acceptable variation from a master control standard or freshly made standard from USP Reference Standard Penicillin G Potassium. Shelf life studies, heat stress studies and frozen stability studies are performed to verify operator's manual claims.

PREPARED BY: Michael T. Wade

SIGNATURE:

A handwritten signature in blue ink, appearing to read "Michael T. Wade", is written over a faint, light blue circular stamp or watermark.

TITLE: Document Control Manager

DATE: 01/04/2024