

**TYPICAL COUNTS for**  
**Charm MRL Beta-lactam Test**

See Operator's Manual for use and application.

Kit Code: LF-MRLBL

**Lot Number:      MRLBL-091T**

Charm ROSA Reader

Negative Control	-2028	2481	4.2 ppb Penicillin G
	-1796	3051	Tablet Positive Control
	-1706	3459	
	-2010	3212	
	-1806	2788	
	-2203	2635	
	-1848	2991	
	-1964	3040	
	-1873	2643	
	-1326	2879	

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 Test is always zero.



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## Certificate of Quality

Product Name: Charm MRL Beta-lactam Test

Lot Number: MRLBL-091T

Expiration Date: November 2023

Order Codes: LF-MRLBL

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 black ink, appearing to read "Sam Atoui", is written over a horizontal line.

Name: Sam Atoui

Title: Quality Assurance Documentation Manager

Date: 02/20/2023



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## CERTIFICATE OF ANALYSIS

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

LOT NUMBER: STDP-024A

EXPIRATION DATE: March 2024

ORDER CODE: LF-PG5-TBL

DESCRIPTION: Contains  $25.0 \pm 2.5$  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: Sam Atoui

SIGNATURE:

A handwritten signature in black ink, appearing to read 'Sam Atoui', with a stylized flourish at the end.

TITLE: Quality Assurance Documentation Manager

DATE: 10/06/2022