

## CERTIFICATE of ANALYSIS

PRODUCT: **Polymyxin B Sulfate, USP Grade**  
CAS# [1405-20-5]

PRODUCT NUMBER: P-1494

LOT NUMBER: F1144

APPEARANCE: White to off-white powder

	<u>SPECIFICATIONS:</u>	<u>RESULTS:</u>
LOSS ON DRYING:	Not more than 7.0%	1.53%
RESIDUE ON IGNITION:	Not more than 5.0%	2.1%
pH:	5.0 - 7.5	5.27
PHENYLALANINE:	9 – 12%	10.73%
ASSAY (DRIED BASIS):	More than 6,000 units/mg	7521 units/mg
IDENTIFICATION A:	Passes test	Pass
IDENTIFICATION B:	Passes test	Pass
IDENTIFICATION C:	Passes test	Pass
STORAGE & HANDLING:	Store at +4°C. <b>HYGROSCOPIC!</b> <b><u>WARNING:</u> HARMFUL!</b>	

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: JF