



CERTIFICATE OF ANALYSIS

PRODUCT:	Colistin Sulfate, USP Grade [Polymyxin E. sulfate] 2(C ₅₂ H ₉₈ N ₁₆ O ₁₃).5(H ₂ SO ₄), M.W. 2801.27, CAS# [1264-72-8]
PRODUCT NUMBER:	C-1465
LOT NUMBER:	B1359
APPEARANCE:	Off-white powder
SOLUBILITY:	Clear and light yellow solution (50 mg/ml in H ₂ O)
POTENCY (DRIED BASIS):	23,423 u/mg
IDENTIFICATION A:	Conforms
IDENTIFICATION B:	Conforms
IDENTIFICATION C:	Conforms
pH:	4.5
SPECIFIC ROTATION:	-69°
LOSS ON DRYING:	2.6%
IDENTITY:	Confirmed
RESIDUE ON IGNITION/ SULFATED ASH:	0.4%
SULFATE:	16.6%

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ABSORBANCE (470 nm): 0.3

ARSENIC: < 2 ppm

HEAVY METALS: < 20 ppm

STORAGE & HANDLING: Keep cool and dry at +4°C.

WARNING: TOXIC!

CAUTION: For research 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: KT