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## CERTIFICATE of ANALYSIS

PRODUCT:	<b>Colistin Sulfate, USP Grade</b> [Polymyxin E. sulfate] 2(C <sub>52</sub> H <sub>98</sub> N <sub>16</sub> O <sub>13</sub> ).5(H <sub>2</sub> SO <sub>4</sub> ), M.W. 2801.27, CAS# [1264-72-8]
PRODUCT NUMBER:	C-1465
LOT NUMBER:	H1010A
APPEARANCE:	White powder
SOLUBILITY:	Clear and light yellow solution (50 mg/ml in H <sub>2</sub> O)
PURITY (HPLC):	> 90% (Mixture of colistin A and B).
PRODUCT DESCRIPTION:	A cyclo-peptide antibiotic effective against Gram-negative bacteria. Disrupts membrane integrity by binding to membrane lipids. Nephrotoxic.
STORAGE & HANDLING:	Keep cool and dry at -20°C. <b><u>WARNING:</u> TOXIC!</b> 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: *KLS*