



Certificate of Analysis

Product Name: Colistin Sodium Methanesulfonate
 CAT #: C-920
 CAS #: 8068-28-8
 LOT #: Lot Specific
 Retest Date: Lot Specific
 Storage: Store at 2-8 °C

	SPECIFICATIONS	RESULT
Appearance:	White or almost white powder	Almost white powder
Identification:	Positive	Conforms
Appearance of Solution:	Positive	Conforms
pH:	6.5 – 8.5	8.2
Specific Rotation:	-46° - -51°	-46.8°
Free Colistin:	Conforms	Conforms
Total Sulphite:	5.5 mL – 7.0 mL	6.1 mL
Heavy Metals:	Not more than 20 ppm	< 20 ppm
Loss on Drying:	Not more than 5.0%	3.21%
Sulphated Ash:	16% - 21%	19.80%
Endotoxins:	Not more than 2.0 EU/mg	Conforms
Assay (dried basis):	Not less than 390 µg/mg	422 µg/mg

* Gold Biotechnology, Inc. provides this Certificate of Analysis in good faith and to the best of its knowledge. It should not be substituted for the user's own raw material quality control. This material is for laboratory use only.

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