



Certificate of Analysis

Product Name: Spiramycin
 CAT #: S-470
 CAS #: 8025-81-8
 LOT #: Lot Specific
 Retest Date: Lot Specific
 Storage: Store at 2-8 °C

	SPECIFICATIONS	RESULT
Appearance:	White or yellowish powder	Yellowish powder
Identification:	Positive	Conforms
Specific Rotation:	-80.0° - -85.0°	-82.1°
pH:	8.5 – 10.5	9.9
Any Impurity:	Not more than 2.0%	1.7%
Sulphated Ash:	Not more than 0.1%	0.05%
Loss on Drying:	Not more than 3.5%	1.8%
Heavy Metals:	Not more than 20 ppm	Conforms
Composition:		
Spiramycin I:	Not less than 80.0%	91.0%
Spiramycin II:	Not more than 5.0%	1.00%
Spiramycin III:	Not more than 10.0%	1.00%
Sum of Spiramycin I, II, III:	Not less than 90.0%	93.0%
Assay (dry basis):	Not less than 4,100 IU/mg	4,435 IU/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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