

Test Data From Certificate of Analysis Manufacturer

Product: Liposomal Methyl B 12
 Product Code: QSMECOB01
 Lot Size: 65.61L
 Lot Number: MECOB 1802/1
 Manufacturing Date: 03/2018
 Bottle Size: 30ml black glass bottles with spray tops
 Storage Recommendation: Room Temperature
 Shelf Life: Freshness is commonly maintained two years from manufacturing date

Raw Materials Tests:

B12-Methylcobalamin

Test Performed	Result	Specifications*	Method
Identity	Conforms	Conforms	FTIR Spectroscopy

Final Products Tests

Test Performed	Result	Specification	Method
Aerobic Plate Count	Conforms	<10 ⁵ cfu/mL	USP2021
Coliforms	Conforms	<100 cfu/mL	Bam C4 sec C-F
<i>E. Coli</i>	Conforms	Absent	USP2022
<i>Staph aureus</i>	Conforms	Absent	USP2022
Yeast	Conforms	<5000 cfu/mL	USP2021
Mold	Conforms	<5000 cfu/mL	USP2021
Salmonella	Conforms	Absent	USP2022
<i>Pseudo. aeruginosa</i>	Conforms	Absent	mUSP62
Arsenic	Conforms	<0.25 ppm	ICPMS
Cadmium	Conforms	<0.1 ppm	ICPMS
Lead	Conforms	<0.025 ppm	ICPMS
Mercury	Conforms	<0.05 ppm	ICPMS
Liposome size	Conforms	20nm - 90nm	DLS

*100% label claim at the time of manufacture