

## Test Data From Certificate of Analysis Manufacturer

Product: Etheric Delivery Glutathione

Lot Number: GSH 1703

Date of Manufacture: 04/2017

Lot Size: 300 L

Storage Recommendation: Refrigerated

### Raw Material Tests: L-Glutathione Acid

Test Performed	Result	Specification	Method
Identity	Conforms	Conforms	FTIR Spectroscopy

### Final Products Tests

Test Performed	Result	Specification	Method	PASS/FAIL
Aerobic Plate Count	Conforms	<100 cfu/mL	USP2021	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
Coliforms	Conforms	<100 cfu/mL	Bam C4 sec C-F	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
<i>E. Coli</i>	Conforms	Absent	USP2022	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
<i>Staph aureus</i>	Conforms	Absent	USP2022	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
Yeast	Conforms	<100 cfu/mL	USP2021	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
Mold	Conforms	<100 cfu/mL	USP2021	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
Salmonella	Conforms	Absent	USP2022	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
<i>Pseudo. Aeruginosa</i>	Conforms	Absent	mUSP62	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
Arsenic	Conforms	<0.25ppm	ICPMS	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
Cadmium	Conforms	<0.1ppm	ICPMS	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
Lead	Conforms	<0.025ppm	ICPMS	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
Mercury	Conforms	<0.05ppm	ICPMS	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
Chromium	Conforms	<0.2ppm	ICPMS	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL
Liposome size	69 nm	40nm - 90nm	DLS	<input checked="" type="checkbox"/> PASS; <input type="checkbox"/> FAIL