



Certificate of Analysis

TSA w/ Lecithin & Tween 80
 Catalog Number: T20-109
 Lot Number: 210320012403
 Expiration: March 2024

3651 Clipper Mill Rd.
 Baltimore, MD 21211
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Physical And Chemical Tests

<u>Test Parameter</u>	<u>Specification</u>	<u>Result</u>
DCM Appearance	Homogeneous, w/ soft lumps, light beige	Homogeneous, w/ soft lumps, light beige
PPM Appearance	Trace to moderate haze, yellow beige	Moderate haze, yellow beige
pH at 25 °C (5.12% solution)	7.3 +/- 0.2	7.22

Microorganisms

<u>Microorganisms</u>	<u>Expected</u>	<u>Growth*</u>
<i>Bacillus subtilis</i> ATCC 6633	Good to excellent	Excellent
<i>Candida albicans</i> ATCC 10231	Fair to excellent	Very Good
<i>Clostridium sporogenes</i> ATCC 11437	Good to excellent	Good
<i>Enterococcus faecalis</i> ATCC 19433	Fair to excellent	Excellent
<i>Escherichia coli</i> ATCC 25922	Good to excellent	Excellent
<i>Micrococcus luteus</i> * ATCC 9341 *also known as <i>Kocuria rhizophila</i>	Poor to good	Good
<i>Pseudomonas aeruginosa</i> ATCC 27853	Fair to excellent	Excellent
<i>Salmonella typhimurium</i> ATCC 14028	Good to excellent	Excellent
<i>Staphylococcus aureus</i> ATCC 25923	Fair to excellent	Excellent
<i>Staphylococcus epidermidis</i> ATCC 12228	Fair to excellent	Very Good

* The following results were obtained from type cultures after incubation at a temperature of 35 +/- 2°C and observed after 18-48 hours.

Laboratory Results: Satisfactory

Country of Manufacture:
 Testing performed by:
 Completed on:
 QC Release by:

USA
 A. Kazmi/H.McGinnis
 03-29-21
 Abida Kazmi