



---

## Sodium Bicarbonate: Micro-Organism Testing Statement

---

Genesis Sodium Bicarbonate (all grades) creates an environment (both in process liquors and in final product) that does not promote microbiological growth. To confirm this, our product is tested periodically according to a food safety approved procedure. Product samples are collected up to six times throughout the year and tested by a 3<sup>rd</sup> party laboratory.

Test	Reference methods
<b>Bacterial Endotoxin-Turbidimetric Kinetic</b>	Current Ph Eur (2.6.14, Method C); Current USP/NF <85>
<b>Total Aerobic Microbial Count - Pour Plate</b>	Current Ph Eur (2.6.12); Current USP/NF <61>; Current JP (English) <4.05 I>; Current BP Appendix XVI
<b>Total Yeast and Mold Count-Pour Plate</b>	Current Ph Eur (2.6.12); Current USP/NF <61>; Current JP (English) <4.05 I>; Current BP Appendix XVI
<b>Escherichia coli-Direct inoculation</b>	Current Ph Eur (2.6.13); Current USP/NF <62>; Current JP (English) <4.05 II>; Current BP Appendix XVI B
<b>Salmonella species-Direct inoculation</b>	Current Ph Eur (2.6.13); Current USP/NF <62>; Current JP (English) <4.05 II>; Current BP Appendix XVI B
<b>Staphylococcus aureus-Direct inoculation</b>	Current Ph Eur (2.6.13); Current USP/NF <62>; Current JP (English) <4.05 II>; Current BP Appendix XVI B
<b>Pseudomonas aeruginosa-Direct inoculation</b>	Reference method: Current Ph Eur (2.6.13); Current USP/NF <62>; Current JP (English) <4.05 II>; Current BP Appendix XVI B

---

Read the product Safety Data Sheet (SDS) prior to using the chemical.

Genesis Alkali, LLC  
Sodium bicarbonate: Micro-Organism Testing Statement 08/12/2021  
877-362-2248  
<http://alkali.genesisenergy.com/>