



October 18, 2017

Re: **Heavy metals content of Genesis Alkali Sodium Bicarbonate**

Dear Valued Customer:

This letter is to confirm that the manufacture of Genesis sodium bicarbonate (all grades) is based on the refining of trona, a naturally occurring mineral. Its purity is >99% with trace naturally occurring mineral content. No metal catalysts or metal reagents are used in the manufacture of Genesis sodium bicarbonate products.

Heavy metals analysis is performed according to USP <231> on USP and industrial grades of sodium bicarbonate. The test is conducted for heavy metals “as Lead”. The metals included in the analysis are: Ag, As, Bi, Cd, Cu, Hg, Pb, Sb, Sn, Mo. It is a “pass/fail” test with a maximum limit of 5 ppm for USP grades, reported as Lead (Pb). In the history of testing, our product has not failed this test.

Note: Genesis will transition to USP <232> and <233> on January 1, 2018, at that time changes in testing will be reflected on the product COA and an updated version of this statement will be available.

Please contact me if you have any questions.

Sincerely,

Michael Kemmerer
Regulatory/QA Manager
Genesis Alkali, LLC
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