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ALTECA Cafe
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1/16/2018

REPORT OF MICROSCOPIC EXAMINATION

Claim #1/16/2018

Lab Number: 12345-2-1

ALTECA Cafe requested Forensic analysis for foreign material in found in food. The sample was thoroughly examined via stereo microscopy, Nicolet iS50 FTIR (Fourier Transform Infra-Red) analysis, and cook/bake test.

ALTECA, Ltd. received the sample on 1/15/18 in good condition at room temperature. The object was removed from the packaging, examined and photographed under high magnification. During the initial examination, the submission consisted of a baked product that was alleged to have an unidentified foreign material in the product. The product was examined and was found to be a solid white colored mass, that was irregularly shaped and measured 0.5 inches wide. The object tended to flake and break down into a powdery substance when handled. A small sample was taken for examination and was found to dissolve very quickly in water. The object was analyzed using the FTIR analysis system, which found the material to be a massed of unmixed sugar at a 98% quality match. The object determined to have been cooked/baked with the product.

I concluded from the above observations and tests, with a reasonable degree of scientific certainty, that the object was a mass of unmixed sugar, that was cooked/baked with the product.

This report was based on the above submitted sample being representative of all original evidence. If you have questions or comments concerning the above observations and conclusions, please contact us at your convenience.

Respectfully,

A handwritten signature in black ink, appearing to read 'Andrew Hudson'.

Andrew Hudson

A handwritten signature in black ink, appearing to read 'Lynn S. Bates'.

Dr. Lynn S. Bates