

**Microbiology Analysis:**

Methods: AOAC, OAM and FDA Methods;  
Berkeley-compliant

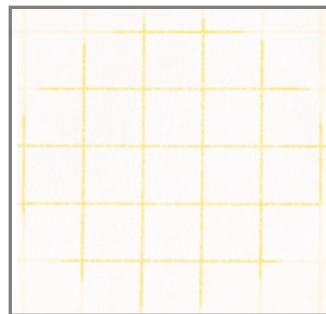
<u>Analysis</u>	<u>CFU/g</u>
Aerobic plate count	<b>512</b>
Total coliform	<b>25</b>
E. coli	<b>0</b>
Total yeast & mold	<b>476</b>
Salmonella	<b>0</b>
Pseudomonas	<b>0</b>

At Pure Analytics our full-service microbiology department offers an extensive array of services. Using 3M™ Petrifilm™ and established methods, we provide analyses for Aerobic Plate Count (APC), total Coliform, E.Coli, Salmonella, Pseudomonas, and total Yeast & Mold. Our validated methods ensure the integrity of your results.

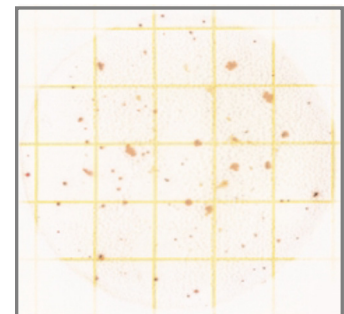
EXAMPLE PLATES

**Aerobic Plate Count:** Aerobic plate counts do not differentiate between different bacterial species, but rather provides an overview of how many organisms are within a product. The results are reported in colony forming units (CFU) per gram.

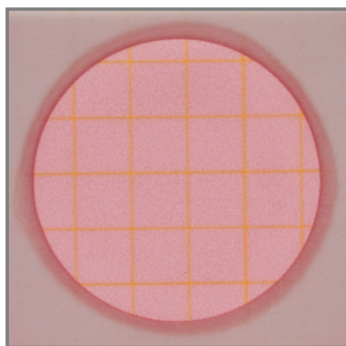
CLEAN APC



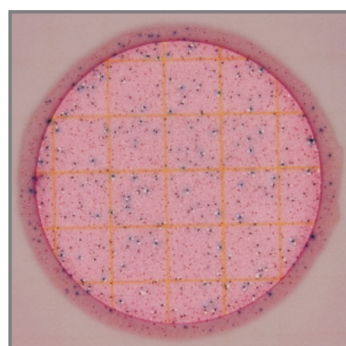
COLONIES



CLEAN  
E.COLI/COLIFORM



HIGH CONCENTRATION  
E. COLI /COLIFORM



**E.Coli/Coliform:** The presence of coliform bacteria in water or food was (and is) taken as an indication that the food or water should not be consumed by humans. *Escherichia coli* (*E.coli*) is a type of coliform bacteria that is found only the digestive tracts of mammalian animals. The presence of *E.coli* in a water or food sample is a good indication that there is a source of fecal contamination.

Our Chemists have had years of experience in differentiating between air bubbles, color reactions, and the many techniques that reading Petrifilm™ requires. Microbiology is especially important for those who are immunocompromised, and at Pure Analytics we recognize the desperate need for patients to find clean medicine. As a Pure Partner you can rest at ease knowing your samples are being analyzed to the dependable and established standards