



## Real-Time Microbial Detection Device Non-Confidential

### BACKGROUND

Real-time microbial detection is an unmet need for both product development and quality control for consumer products, foods and beverages, and pharmaceuticals as well as diagnostics of home and personal hygiene/health.

### NEED DESCRIPTION

A device that can rapidly (ideally real-time) detect bacteria, yeasts, and molds in consumer products in less than 12 hours at an affordable cost at a sensitivity of <10 CFU/g.

### WHAT WE ARE LOOKING FOR

- Non-culture-based method
- High sensitivity: <10 CFU/g
- Nonfilterable samples such as face cream, toothpaste, shampoo etc.
- High throughput > 100 samples per day per 1 set of devices.
- Cost-effective: running cost of less than 10USD/sample

### WHAT WE ARE NOT LOOKING FOR

Culture-based method

Please note that only **non-confidential** information describing the business & services model, current use and IP can be accepted for review.