

Micro-Challenge and Shelf Life Test

Indications and Usage

QueaseEASE can be used at the first sign of queasiness caused by motion sickness, morning sickness, chemotherapy induced nausea, and medication related queasiness. QueaseEASE can be used safely in conjunction with other therapies and medications designed for the treatment of nausea.

Dosage and Administration

QueaseEASE is most effective when used at the first sign of queasiness. Remove cap from container and take several deep breaths through nose. Repeat often until condition passes and if condition reoccurs. Replace cap after each use to preserve product life. Children should be supervised when using.

Results of MicroChallenge and Shelf Life Tests

To verify product safety, QueaseEASE was exposed to these selected microorganisms: *Coliform bacteria, Escherichia coli, Staphylococcus aureus, Staphylococcus epidermidis, aerobic plate and yeast/mold counts*. **No microorganisms were recovered from either the nasal piece or inner vial at the detection limits of the methods used for enumeration.**

Essential Oil

Essential Oil	Coliforms cells/gram	E. Coli cells/gram	Staphaureus, epirdermidis cells/gram	Total Aerobes cfu/g	Molds cfu/g	Yeasts cfu/g
Essential Oil	nd ¹	nd	nd	nd	nd	nd
Innoculated Essential Oil	nd	nd	nd	nd	nd	nd

oil innoculated with non-pathogenic *E. coli, Staphyococcus epidermidis, Staphylococcus aureus,* and *Cladosporium minourae*

QueaseEASE Containers

		Coliforms cells/gram	E. Coli cells/gram	Staphaureus, epirdermidis cells/gram	Total Aerobes cfu/g	Molds cfu/g	Yeasts cfu/g
Room Temperature	Initial inner vial	nd	nd	nd	nd	nd	nd
	Initial nasal piece	nd	nd	nd	nd	nd	nd
Temperature Challenged (6 months)	Nasal piece week 1	nd	nd	nd	nd	nd	nd
	Inner vial week 1	nd	nd	nd	nd	nd	nd
	Nasal piece week 2	nd	nd	nd	nd	nd	nd
	Inner vial week 2	nd	nd	nd	nd	nd	nd
	Nasal piece week 3	nd	nd	nd	nd	nd	nd

Inner vial week 3	nd	nd	nd	nd	nd	nd
Nasal piece week 4	nd	nd	nd	nd	nd	nd
Inner vial week 4	nd	nd	nd	nd	nd	nd
Nasal piece week 5	nd	nd	nd	nd	nd	nd
Inner vial week 5	nd	nd	nd	nd	nd	nd

¹nd= none detected

Coliform and *Staph.* At detection limit of 3 cells per gram of sample

APC detection limit of 100 cfu per plate Yeasts and molds detection limit of 10 cfu per plate

Microchallenge and Shelf Life tests conducted by the University of Maine Department of Food Science and Human Nutrition