

Switz Foods Private Limited

To whom it may concern

Comparison of Number of bacterial Colonies found in the two different shops

Total No. of Colonies on Agar Strip

CFU/LIT = -----

Vol. of Air (40Lit./Min) X Time Of Exposure In Min.

Where,

CFU= Colony (Bacterial) Forming Unit

2 CM

Effective Air Volume= 200 Lit./Min X ----- = 40 Lit.

10 CM

(Separation Time= 200 Lit/Min, Agar Strip Size= 2 CM, Separation Height= 10 CM.)

IN SIEMENS SHOP (Non-ozone treated)

442

CFU/LIT= ----- = 1.579

40 X7

IN PRPS (Ozone Treated)**

6

CFU/LIT = ----- = 0.021

40 X7

So, aerial bacterial count in PRPS Shop is 98.67 % lesser than in SIEMENS Shop. But, there were some Fungal contamination in the Test Strips, so a further examination with Fungal (Yeast./Mould) Specific Agar Strips is preferable.

** (Using Enclose 250 by Team Waterhouse, Kolkata)

Kojan Bera.

15.8.15

Laboratory In-charge

