

8 Results:

Exposure Time	Blank ($\mu\text{g/ml}$)	Test Product ($\mu\text{g/ml}$)	Water ($\mu\text{g/ml}$)	Ref. Product ($\mu\text{g/ml}$)
0 hours	0.00	0.2471	0.2476	0.2470
24 hours	0.00	0.1934	0.2476	0.2470
36 hours	0.00	0.1740	0.2476	0.2451
48 hours	0.00	0.1570	0.2475	0.2388
60 hours	0.00	0.0991	0.2476	0.0246
72 hours	0.00	0.0670	0.2476	0.0260
84 hours	0.00	0.0221	0.2474	0.0230
96 hours	0.00	0.0220	0.2475	0.0220

9 Conclusion:

The Arginine-specific gingipain (Rgp) concentration have been 90% decreased in test item after 84 hours of exposure.

The solution at 5000 $\mu\text{g/mL}$ is prepared form Lumineux Oral Essentials Sensitivity Mouthwash

8 Results:

Exposure Time	Blank ($\mu\text{g/ml}$)	Test Product ($\mu\text{g/ml}$)	Water ($\mu\text{g/ml}$)	Ref. Product ($\mu\text{g/ml}$)
0 hours	0.00	0.2471	0.2476	0.2470
24 hours	0.00	0.1980	0.2476	0.2470
36 hours	0.00	0.1604	0.2476	0.2451
48 hours	0.00	0.1200	0.2475	0.2388
60 hours	0.00	0.0681	0.2476	0.0246
72 hours	0.00	0.0298	0.2476	0.0260
84 hours	0.00	0.0246	0.2474	0.0230
96 hours	0.00	0.0246	0.2475	0.0220

9 Conclusion:

The Arginine-specific gingipain (Rgp) concentration have been 90% decreased in test item after 84 hours of exposure.

The solution at 5000 $\mu\text{g/mL}$ is prepared form Lumineux Oral Essentials Whitening Mouthwash.

8 Results:

Exposure Time	Blank ($\mu\text{g/ml}$)	Test Product ($\mu\text{g/ml}$)	Water ($\mu\text{g/ml}$)	Ref. Product ($\mu\text{g/ml}$)
0 hours	0.00	0.2471	0.2476	0.2470
24 hours	0.00	0.1851	0.2476	0.2470
36 hours	0.00	0.1400	0.2476	0.2451
48 hours	0.00	0.1223	0.2475	0.2388
60 hours	0.00	0.0459	0.2476	0.0246
72 hours	0.00	0.0202	0.2476	0.0260
84 hours	0.00	0.0202	0.2474	0.0230
96 hours	0.00	0.0202	0.2475	0.0220

9 Conclusion:

The Arginine-specific gingipain (Rgp) concentration have been 91% decreased in test item after 72 hours of exposure.

The solution at 5000 $\mu\text{g/mL}$ is prepared form Lumineux Oral Essentials Whitening Tooth Paste.

8 Results:

Exposure Time	Blank ($\mu\text{g/ml}$)	Test Product ($\mu\text{g/ml}$)	Water ($\mu\text{g/ml}$)	Ref. Product ($\mu\text{g/ml}$)
0 hours	0.00	0.2471	0.2476	0.2470
24 hours	0.00	0.2193	0.2476	0.2470
36 hours	0.00	0.1557	0.2476	0.2451
48 hours	0.00	0.1098	0.2475	0.2388
60 hours	0.00	0.0499	0.2476	0.0246
72 hours	0.00	0.0470	0.2476	0.0260
84 hours	0.00	0.0469	0.2474	0.0230
96 hours	0.00	0.0469	0.2475	0.0220

9 Conclusion:

The Arginine-specific gingipain (Rgp) concentration have been 81% decreased in test item after 72 hours of exposure.

The solution at 5000 $\mu\text{g/mL}$ is prepared form Lumineux Oral Essentials kids Tooth Paste.

8 Results:

Exposure Time	Blank ($\mu\text{g/ml}$)	Test Product ($\mu\text{g/ml}$)	Water ($\mu\text{g/ml}$)	Ref. Product ($\mu\text{g/ml}$)
0 hours	0.00	0.2116	0.211	0.223
24 hours	0.00	0.1692	0.211	0.222
36 hours	0.00	0.1269	0.210	0.223
48 hours	0.00	0.1058	0.211	0.221
60 hours	0.00	0.0846	0.211	0.02
72 hours	0.00	0.0423	0.211	0.02
84 hours	0.00	0.0212	0.211	0.02
96 hours	0.00	0.0211	0.211	0.02

9 Conclusion:

The Arginine-specific gingipain (Rgp) concentration have been 90% decreased in test item after 96 hours of exposure.

The solution at 5000 $\mu\text{g/mL}$ is prepared form Lumineux Oral Essentials clean and fresh Lot# 17K13B2

8 Results:

Exposure Time	Blank (µg/ml)	Test Product (µg/ml)	Water (µg/ml)	Ref. Product (µg/ml)
0 hours	0.00	0.2225	0.2225	0.2225
24 hours	0.00	0.1885	0.2225	0.2225
36 hours	0.00	0.1256	0.2221	0.2220
48 hours	0.00	0.1128	0.2220	0.2218
60 hours	0.00	0.0689	0.2225	0.0201
72 hours	0.00	0.0405	0.2221	0.0215
84 hours	0.00	0.0312	0.2225	0.0220
96 hours	0.00	0.0202	0.2225	0.0219

9 Conclusion:

The Arginine-specific gingipain (Rgp) concentration have been 91% decreased in test item after 96 hours of exposure.

The solution at 5000 µg/mL is prepared form Lumineux Oral Essentials Clean and Fresh TP Lot# BY56

8 Results:

Exposure Time	Blank ($\mu\text{g/ml}$)	Test Product ($\mu\text{g/ml}$)	Water ($\mu\text{g/ml}$)	Ref. Product ($\mu\text{g/ml}$)
0 hours	0.00	0.2471	0.2476	0.2470
24 hours	0.00	0.1963	0.2476	0.2470
36 hours	0.00	0.1520	0.2476	0.2451
48 hours	0.00	0.1239	0.2475	0.2388
60 hours	0.00	0.0762	0.2476	0.0246
72 hours	0.00	0.0301	0.2476	0.0260
84 hours	0.00	0.0202	0.2474	0.0230
96 hours	0.00	0.0200	0.2475	0.0220

9 Conclusion:

The Arginine-specific gingipain (Rgp) concentration have been 90% decreased in test item after 84 hours of exposure.

The solution at 5000 $\mu\text{g/mL}$ is prepared form Lumineux Oral Essentials Sensitivity Tooth Paste

8 Results:

Exposure Time	Blank ($\mu\text{g/ml}$)	Test Product ($\mu\text{g/ml}$)	Water ($\mu\text{g/ml}$)	Ref. Product ($\mu\text{g/ml}$)
0 hours	0.00	0.2225	0.2225	0.2225
24 hours	0.00	0.1769	0.2225	0.2225
36 hours	0.00	0.1110	0.2221	0.2220
48 hours	0.00	0.1002	0.2220	0.2218
60 hours	0.00	0.0753	0.2225	0.0201
72 hours	0.00	0.0395	0.2221	0.0215
84 hours	0.00	0.0291	0.2225	0.0220
96 hours	0.00	0.0212	0.2225	0.0219

9 Conclusion:

The Arginine-specific gingipain (Rgp) concentration have been 95% decreased in test item after 96 hours of exposure.

The solution at 5000 $\mu\text{g/mL}$ is prepared form Lumineux Oral Essentials Hydrating Mouthwash Lot# 18F14C1