

ATP Test Results Restaurant - Employee Washroom



SURFACE	08/14/16	08/23/16	08/31/16	09/19/16	11/17/16	02/05/17	Peak Reduction
Faucet	206075	10058	19885	3594	9981	282	99.9%
Toilet Seat	536	84	466	368	245	161	84%

Initial tests of faucet was taken before application. After coating with nanoYo titanium dioxide, ATP counts were done over a six month period on various surfaces in washroom. Results show the photocatalytic oxidation properties of titanium dioxide greatly reduced the amount of invisible dirt and organisms on the surfaces after 5 days and continues. ATP counts may fluctuate depending on intervals between last contact and testing. ATP counts may be higher than expected due to recent microbial contact.

ATP (Adenosine triphosphate) is a molecule found only in and around living cells, and as such it gives a direct measure of biological concentration. ATP is quantified by measuring the RLU (relative light units) produced through its reaction with the naturally-occurring firefly enzyme Luciferase. The amount of light produced is directly proportional to the amount of biological energy present in the sample.