

Customer Name	Arçelik AS
Customer Address	Çayırova Campus, Tuzla, 34950 Istanbul, Turkey
Contact	Fatih Kasap
Test Requested	To assess the impact of the air purifier on <i>Staphylococcus epidermidis</i> bacteria in a decay test
Sample Description	BEKO ATP 5100I Air Purifier
Number of Samples	1 – With Replacement Filters
Date of Receipt	13 July 2020
ASC Code	ASC003957
Report Number	ASCR092432
Report Date	13 November 2020

6. Conclusion

The BEKO ATP 5100I Air Purifier was demonstrated to be effective in reducing airborne *S. epidermidis* aerosols in the environmental test chamber and achieving an average of 3 Log reduction in the active test runs (or a 99.9% reduction after 60 minutes of operation), whereas in the inactive test runs there was an average of 1 Log reduction as a result of natural decay.

7. Additional Products

According to the Declaration of Conformity signed by Arçelik, the products listed below conform in all aspects relating to performance in testing parameters to the Beko ATP 5100I Air Purifier

- Beko - ATP 5100 I / 8895683200
- Beko - ATP 6100 I / 8895673200
- Beko - ATP 7100 I / 8895663200
- Arçelik - AR ATP 6100 I / 8502021100
- Beko - BK ATP 6100 I / 8502031200
- Arçelik - AR ATP 7100 I / 8502041100
- Beko - BK ATP 7100 I / 8502051200
- Arçelik - AR ATP 5100 I / 8502141100
- Beko - BK ATP 5100 I / 8502151200

8. References

Hinds (1999). Aerosol Technology. John Wiley & Sons, Inc New York / Chichester / Weinheim / Brisbane / Singapore / Toronto.

Fabian P., McDevitt J.J., Houseman E.A., Milton D.K. (2009). An optimized method to detect influenza virus and human rhinovirus from exhaled breath and the airborne environment. *Indoor Air*; 19(5): 433-441.

EPA/600/R-10/127 (2010). Development of a Methodology to Detect Viable Airborne Virus Using Personal Aerosol Sample.

Lee I., Kim H., Lee D., Hwang G., Jung G., Lee M., Lim J. Lee B. (2011). Aerosol Particle Size Distribution and Genetic Characteristics of Aerosolized Influenza A H1N1 Virus Vaccine Particles. *Aerosol and Air Quality Research*, 11, 230–237.