

<b>Customer Name</b>	Arçelik
<b>Customer Address</b>	Çayirova Campus, Tuzla, 34950 Istanbul, Turkey
<b>Contact</b>	Fatih Kasap
<b>Test Requested</b>	Assessment of effect of test device on bacterial and viral viability
<b>Sample Description</b>	Beko UVC Refrigerator (RCNE560E40ZLXPHUN)
<b>Number of Samples</b>	1
<b>Date of Receipt</b>	20 <sup>th</sup> August 2020
<b>ASC Code</b>	ASCR004054
<b>Report Number</b>	ASCR092428
<b>Report Date</b>	6 <sup>th</sup> November 2020

## 6. Conclusion

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The Beko UVC Refrigerator (RCNE560E40ZLXPHUN) was demonstrated to be effective in reducing the tested bacteria and virus, achieving 99.9 % bacterial reduction against *S. aureus* and *E. coli*, and a 99.99% reduction against Human coronavirus 229E after 40 minutes of UVC operation at 4°C.

## 7. Additional Products

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According to the Declaration of Conformity signed by Arçelik (dated 02.10.20) the products listed below conform in all aspects relating to performance in testing parameters to the Beko UVC Refrigerator (RCNE560E40ZLXPHUN)

- Beko RCN560E40ZLXPHU (SKU 7298240801)
- Beko CNG4792EVHPS (SKU 7298246301)

## 8. References

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- [1]. BS EN ISO 27447:2019 Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for antibacterial activity of semiconducting photocatalytic materials
- [2]. BS ISO 18061:2014 Fine ceramics (advanced ceramics, advanced technical ceramics) — Test method for antibacterial activity of semiconducting photocatalytic materials