



# Laboratory Report

Anti-SARS-associated Coronavirus Activity of Medpure Masks	EFFECTIVE DATE <b>August 24, 2020</b>
	REPORT NUMBER <b>ME-R-20-0824-0200</b>

## EXECUTIVE SUMMARY

Medpure masks made from polypropylene nonwoven materials coated with PurePurge were analyzed for antiviral activity. The samples were tested against the enveloped virus SARS-associated Coronavirus (SARS-CoV; Strain: CDC 200300592), following the modified standard AATCC 100-2019. The Medpure mask was found to reduce SARS-CoV by  $\sim \log 4$  within 2 hours. Therefore, Medpure masks can effectively kill >99.97% of SARS-associated Coronavirus.

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