

## Supplementary Information

# 2D and 3D micromixers for the synthesis of magnetite nanoparticles: CFD analysis and life cycle assessment

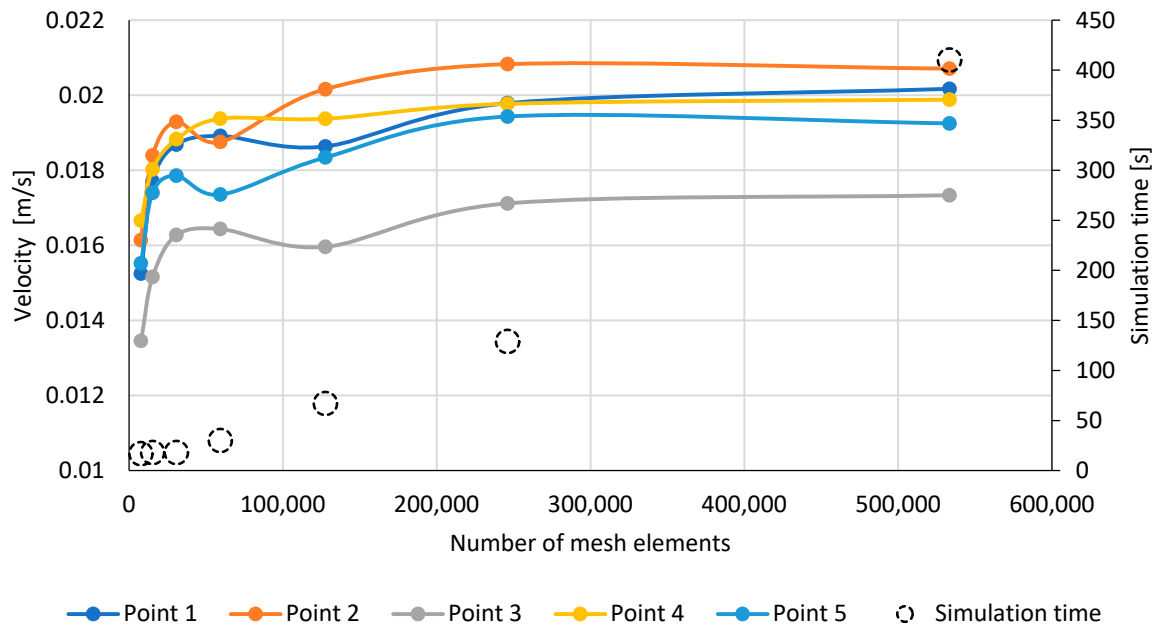
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## Supplementary Figures



**Figure S1.** Mesh Convergence analysis for the Serpentine-based mixer.

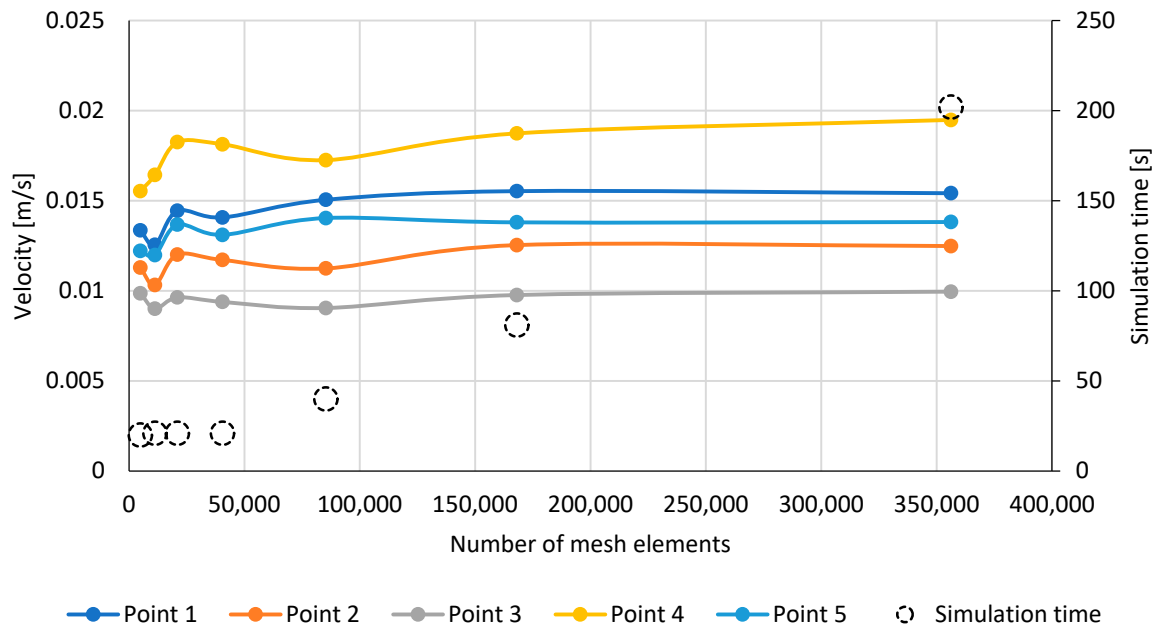


Figure S2. Mesh convergence analysis for the Triangular-based mixer.

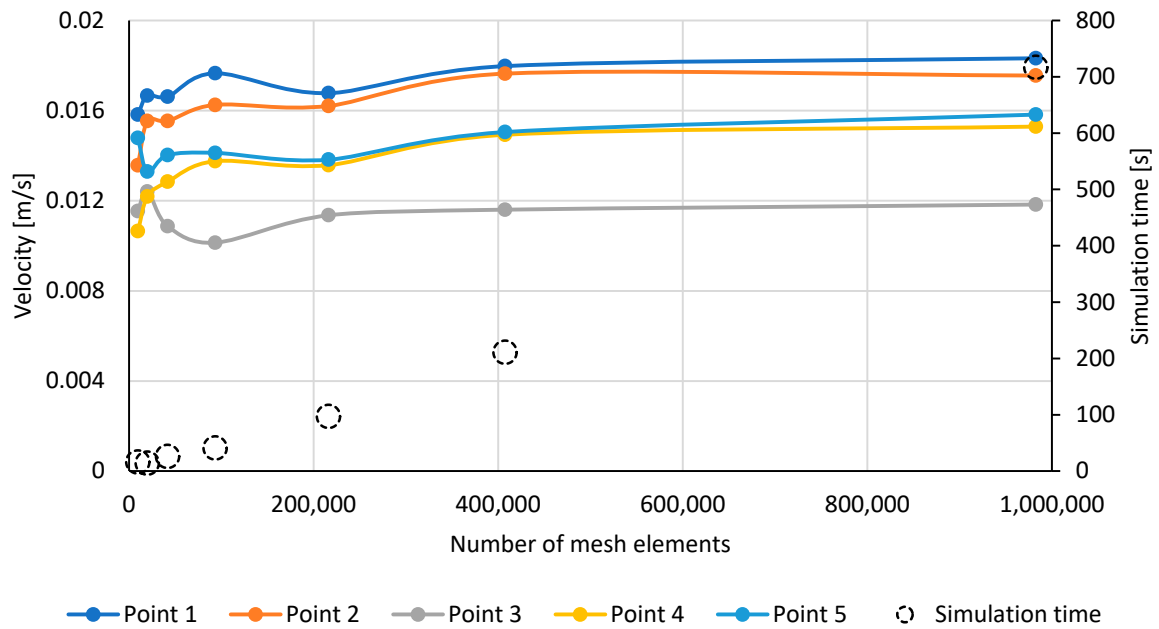


Figure S3. Mesh Convergence analysis for 3D-based mixer.