

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Crystallographic data

File Name: Supplementary Movie 1

Description: Archimedean Al₂₄ molecular structure

File Name: Supplementary Movie 2

Description: Archimedean Al₂₄ structure model

File Name: Supplementary Movie 3

Description: Fast Removal of Trace Iodine by Al₂₄ Archimedean Solids