

**Supporting Information for**  
**[Occurrence of structural aluminum (Al) in marine diatom biological silica: Visible evidence from microscopic analysis]**

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**Table S1. Components and their concentrations in the artificial seawater**

<b>Components</b>	<b>Molar concentration in final medium</b>
<b>NaNO<sub>3</sub></b>	<b>8.82 × 10<sup>-4</sup> M</b>
<b>NaH<sub>2</sub>PO<sub>4</sub>·H<sub>2</sub>O</b>	<b>3.62 × 10<sup>-5</sup> M</b>
<b>Na<sub>2</sub>SiO<sub>3</sub>·9H<sub>2</sub>O</b>	<b>1.06 × 10<sup>-4</sup> M</b>
<b>FeCl<sub>3</sub>·6H<sub>2</sub>O</b>	<b>1.17 × 10<sup>-5</sup> M</b>
<b>Na<sub>2</sub>EDTA·2H<sub>2</sub>O</b>	<b>1.17 × 10<sup>-5</sup> M</b>
<b>CuSO<sub>4</sub>·5H<sub>2</sub>O</b>	<b>3.93 × 10<sup>-8</sup> M</b>
<b>Na<sub>2</sub>MoO<sub>4</sub>·2H<sub>2</sub>O</b>	<b>2.60 × 10<sup>-8</sup> M</b>
<b>ZnSO<sub>4</sub>·7H<sub>2</sub>O</b>	<b>7.65 × 10<sup>-8</sup> M</b>
<b>CoCl<sub>2</sub>·6H<sub>2</sub>O</b>	<b>4.20 × 10<sup>-8</sup> M</b>
<b>MnCl<sub>2</sub>·4H<sub>2</sub>O</b>	<b>9.10 × 10<sup>-7</sup> M</b>
<b>Thiamine HCl (Vit B1)</b>	<b>2.96 × 10<sup>-7</sup> M</b>
<b>Biotin (Vit H)</b>	<b>2.05 × 10<sup>-9</sup> M</b>
<b>Cyanocobalamin (Vit B<sub>12</sub>)</b>	<b>3.69 × 10<sup>-10</sup> M</b>