Electronic Supplementary Information

Hg$_2$Br$_3$I: A New Mixed Halide Nonlinear Optical Material in the Infrared Region

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Fig. S1 EDX analysis of Hg$_2$Br$_3$I crystal

Fig. S2 PDOS of Hg$_2$Br$_3$I.

Table S1 Element content from EDX analysis.

![EDX analysis of Hg$_2$Br$_3$I](image)
**Fig. S2** PDOS of Hg₂Br₃I

**Table S1** Element content from EDX analysis.

<table>
<thead>
<tr>
<th>Element</th>
<th>Wt (%)</th>
<th>At (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Br L</td>
<td>29.82</td>
<td>48.37</td>
</tr>
<tr>
<td>Hg M</td>
<td>53.46</td>
<td>34.55</td>
</tr>
<tr>
<td>I L</td>
<td>16.73</td>
<td>17.09</td>
</tr>
</tbody>
</table>