

## Supporting information

### Lattice engineering through Al-substitution leads to enhanced magneto-optical properties of $\text{Tb}_3(\text{Al}, \text{Ga})_5\text{O}_{12}$ single crystals

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Table S1. EDS results of TAGG75 crystal.

Figure S1. Element mapping images of TAGG75 crystal.

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Element	Wt%
Tb	60.29
Al	12.31
Ga	8.02
O	19.38

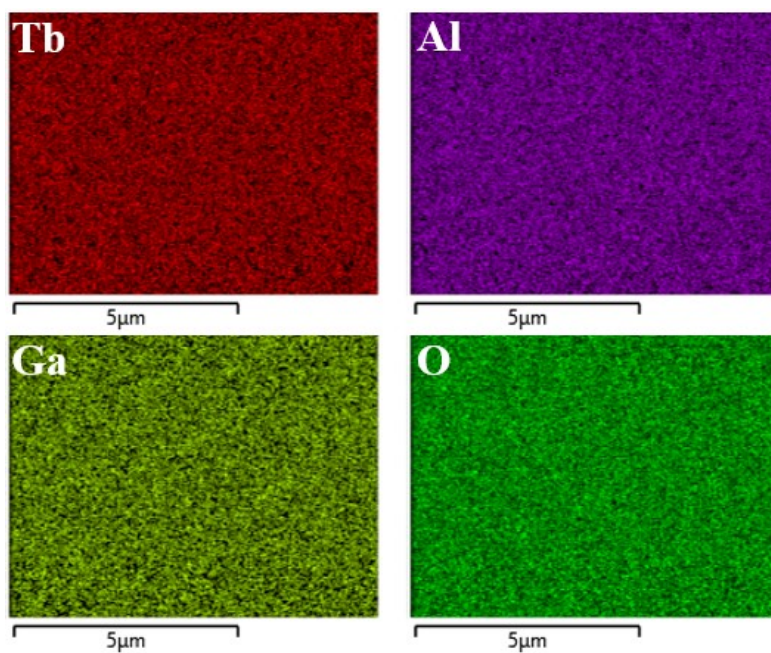


Figure S1. Element mapping images of TAGG75 crystal.