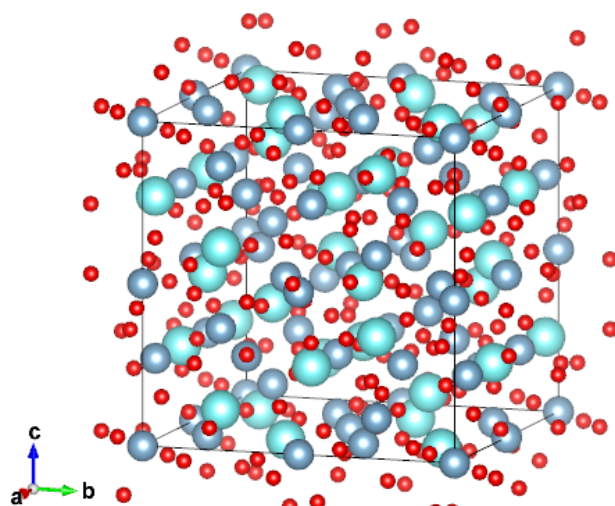
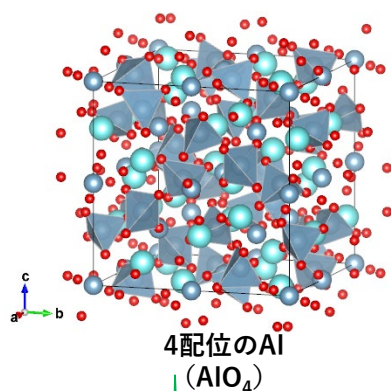
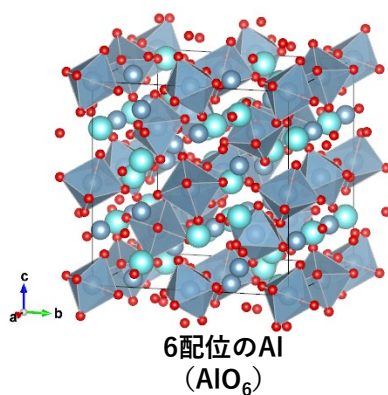
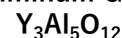


## Yttrium Aluminum Garnet (YAG) 中の $^{27}\text{Al}$ の固体NMR測定

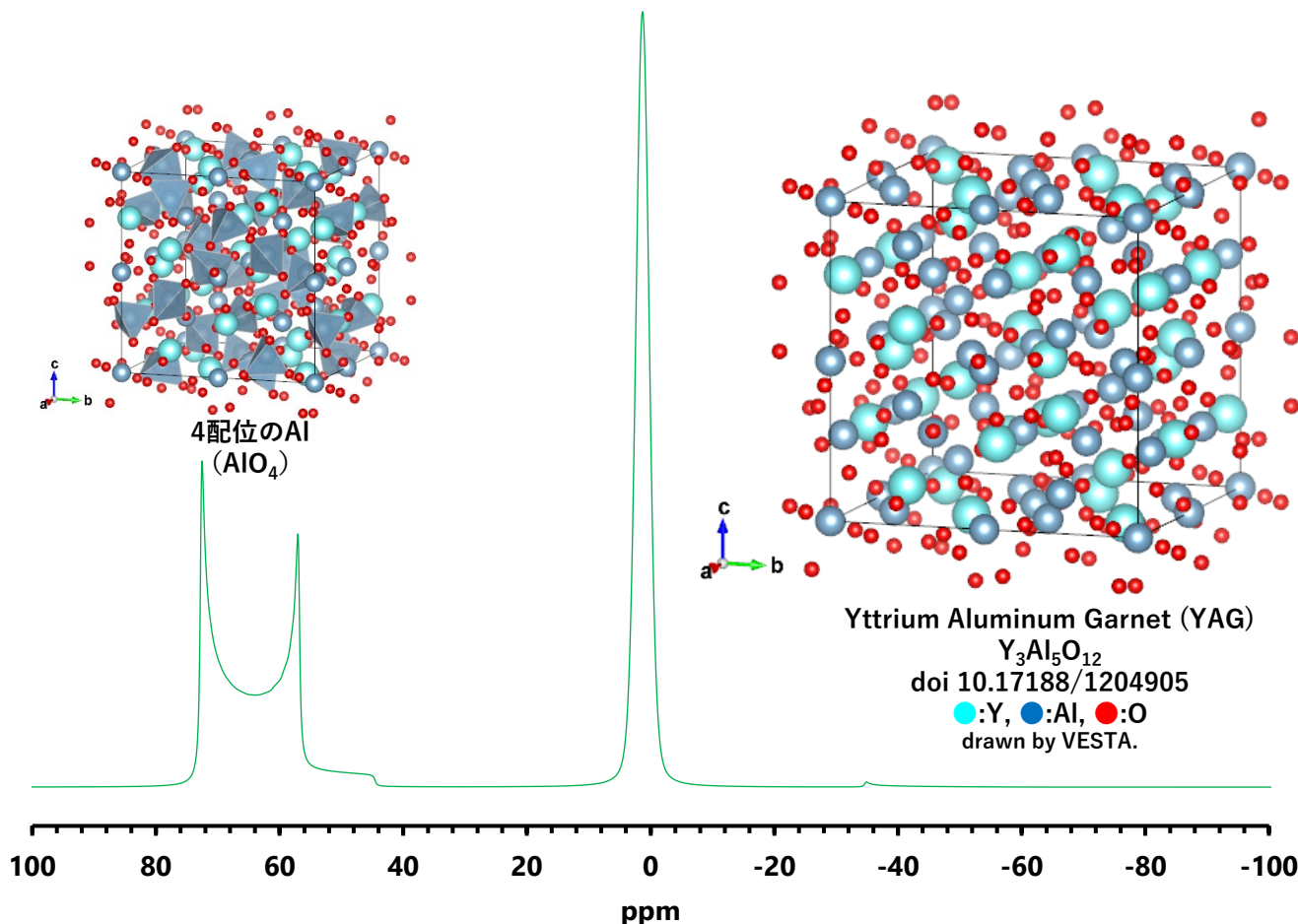


Yttrium Aluminum Garnet (YAG)



doi 10.17188/1204905

●:Y, ●:Al, ●:O  
drawn by VESTA.



使用装置 Bruker NMR AVANCE NEO 500 MHz,  $\phi$  4 mm CP-MASプローブ

試料 高純度化学製 Yttrium Aluminum Garnet (YAG)  $\text{Y}_3\text{Al}_5\text{O}_{12}$  粉末 110  $\mu\text{L}$

測定条件 室温, 回転数 14 kHz, 積算回数 128回

### 参考文献

- Investigating lanthanide dopant distributions in Yttrium Aluminum Garnet (YAG) using solid state paramagnetic NMR <https://doi.org/10.1016/j.ssnmr.2016.10.001>
- VESTA 3 for three-dimensional visualization of crystal, volumetric and morphology data <https://doi.org/10.1107/S0021889811038970>