

**Deposited Item**, Ma et al.: Kangite, a new scandia mineral, AM-13-064, MayJune American Mineralogist 2013.

List of observed and calculated normalized structure factor moduli of unique reflections.\*.

| $h$ | $k$ | $l$ | $F_o^2$   | $F_c^2$   | $\sigma(F^2)/su$ | $F_c/F_c(\max)$ | Resolution<br>(Å) |
|-----|-----|-----|-----------|-----------|------------------|-----------------|-------------------|
| 2   | 6   | 8   | 92916.11  | 56643.00  | 1.77             | 0.575           | 0.97              |
| 4   | 4   | 10  | 52273.38  | 41034.36  | 0.97             | 0.489           | 0.86              |
| 0   | 6   | 10  | 27150.91  | 32576.42  | 0.93             | 0.436           | 0.84              |
| 0   | 0   | 10  | 55806.35  | 56775.83  | 0.17             | 0.576           | 0.98              |
| 4   | 4   | 8   | 168947.70 | 171334.06 | 0.14             | 1.000           | 1.00              |

\* $R_1 = 0.084$  for 5 unique reflections after merging;  $wR2 = 0.139$ , GooF 0.875 (Sheldrick 2008).