

Table 43B-5-001. $(\text{K}_{1-x}\text{Tl}_x)_2\text{Mn}_2(\text{SO}_4)_3$. Unit cell parameter and volume at RT [89Mar].

	a [Å]	V [Å ³]
$\text{K}_2\text{Mn}_2(\text{SO}_4)_3$	10.1194(9)	1036.2(3)
$\text{K}_{1.79}\text{Tl}_{0.19}\text{Mn}_2(\text{SO}_4)_3$	10.136(1)	1041.4(3)
$\text{K}_{1.47}\text{Tl}_{0.51}\text{Mn}_2(\text{SO}_4)_3$	10.145(1)	1044.1(3)
$\text{K}_{1.27}\text{Tl}_{0.70}\text{Mn}_2(\text{SO}_4)_3$	10.163(1)	1049.7(3)
$\text{K}_{1.02}\text{Tl}_{0.96}\text{Mn}_2(\text{SO}_4)_3$	10.175(1)	1053.3(3)
$\text{K}_{0.84}\text{Tl}_{1.13}\text{Mn}_2(\text{SO}_4)_3$	10.182(1)	1055.7(3)
$\text{K}_{0.58}\text{Tl}_{1.40}\text{Mn}_2(\text{SO}_4)_3$	10.199(1)	1060.9(3)
$\text{K}_{0.30}\text{Tl}_{1.67}\text{Mn}_2(\text{SO}_4)_3$	10.2065(9)	1063.2(3)
$\text{Tl}_2\text{Mn}_2(\text{SO}_4)_3$	10.2236(7)	1068.7(2)