

No. 48A-4 $\text{K}_4\text{Os}(\text{CN})_6 \cdot 3\text{H}_2\text{O}$, Potassium osmium cyanide trihydrate $(M = 556.77; [\text{D}: 562.81])$

1a	Ferroelectricity of $\text{K}_4\text{Os}(\text{CN})_6 \cdot 3\text{H}_2\text{O}$ was discovered by Waku et al. in 1960.	60Wak1
b	$\Theta_{\text{f}} = -2.4\text{ }^\circ\text{C}$ [D: $1.8\text{ }^\circ\text{C}$].	60Wak1
3a	Unit cell parameters: $a:b:c = 0.3929:1:0.3941$, $\beta = 90^\circ 6'$.	60Wak2
b	$Z = 4$.	60Wak2
5a	Dielectric constant: Fig. 48A-4-001, Fig. 48A-4-002.	
c	Spontaneous polarization and coercive field: Fig. 48A-4-003.	
	For deuterated crystal, see	60Wak2
	$P_{\text{s}} = 3.5 \cdot 10^{-2}\text{ C m}^{-2}$ at $-45\text{ }^\circ\text{C}$ [D: $P_{\text{s}} = 1.3 \cdot 10^{-2}\text{ C m}^{-2}$ at $-20\text{ }^\circ\text{C}$].	60Wak1,
		60Wak2