

49 $\text{K}_3\text{BiCl}_6 \cdot 2\text{KCl} \cdot \text{KH}_3\text{F}_4$ **49A Pure compound****No. 49A-1 $\text{K}_3\text{BiCl}_6 \cdot 2\text{KCl} \cdot \text{KH}_3\text{F}_4$** $(M = 806.21)$

1a	Ferroelectricity in $\text{K}_3\text{BiCl}_6 \cdot 2\text{KCl} \cdot \text{KH}_3\text{F}_4$ was reported by Brilingas et al. in 1986.		86Bri2	
b	phase	II	I	86Bri2
	state	F	P	
	crystal system	hexagonal	hexagonal	
	space group		$\text{P6}_3/\text{mmc}-\text{D}_{6h}^4$	
	Θ [K]	130		
	$P_s \parallel c$			86Bri2
	$\rho = 2.555 \cdot 10^3 \text{ kg m}^{-3}$ at RT.			86Bri1
	Transparent, colorless.			
3a	Unit cell parameters: $a = 9.1453(5) \text{ \AA}$, $c = 14.466(1) \text{ \AA}$.			86Bri2
b	$Z = 2$.			86Bri2
5a	Temperature dependence of dielectric constant: Fig. 49A-1-001. Dielectric dispersion: Fig. 49A-1-002, Fig. 49A-1-003.			
b	Effect of E_{bias} on κ'_c, κ''_c : Fig. 49A-1-004.			
c	Spontaneous polarization: Fig. 49A-1-005.			
8a	Ultrasonic velocity and elastic stiffness: Table 49A-1-001.			