

**No. M23  $\text{H}_2(\text{UO}_2)_2(\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}$ , Hydrogen uranospinite** $(M = 964.03; [D: 982.14])$ 

1a	Ferroelectricity of $\text{H}_2(\text{UO}_2)_2(\text{AsO}_4)_2 \cdot 8\text{H}_2\text{O}$ was reported by de Benyacar et al. in 1975.				75deB
b	phase	III	II	I	75deB
	state	(F)	(A)	P	
	crystal system		monoclinic <sup>a)</sup>	tetragonal	<sup>a)</sup> 82deD
	space group		$\text{P}2_1/\text{m}-\text{C}_{2\text{h}}^2$ <sup>a)</sup>		
	$\theta$ [°C]	-20			