COMPONENTS:	ORIGINAL MEASUREMENTS:
1. Potassium sulfite; K_2SO_3; [10117-38-1]	Kuznetsova, A.G.; Trukhanova, E.A.
2. Potassium carbonate; K_2CO_3; [584-08-7]	*VINITI Deposited Document* 1983, 6890-83.
3. Potassium sulfate; K_2SO_4; [7778-80-5]	
4. Water; H_2O; [7732-18-5]	
VARIABLES: Temperature: 293 K Composition	PREPARED BY: Mary R. Masson

EXPERIMENTAL VALUES:

Composition of saturated solutions

K_2SO_3 mass %	K_2CO_3 mass %	K_2SO_4 mass %	K_2SO_3[a] mol/kg	K_2CO_3[a] mol/kg	K_2SO_4[a] mol/kg
41.2	13.0	1.90	5.930	2.143	0.248
32.4	15.1	2.17	4.068	2.171	0.247
30.3	30.3	1.09	4.998	5.723	0.163
25.5	30.0	1.27	3.727	5.021	0.169
15.3	38.9	1.00	2.158	6.282	0.128
13.9	41.4	1.63	2.039	6.955	0.217
6.02	48.0	1.46	0.854	7.801	0.188
40.9	0.	1.43	4.481	0.	0.142
0.	53.2	0.023	0.	8.229	0.003
6.16	51.0	0.	0.909	8.614	0.

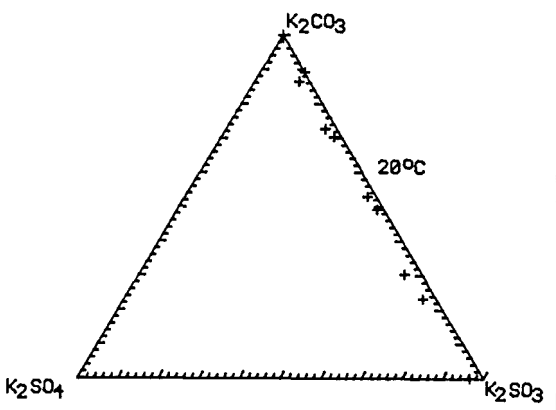
[a] Molalities calculated by the compiler.

Note: compositions of "wet residues" are also given in the original paper.

AUXILIARY INFORMATION

METHOD APPARATUS/PROCEDURE:

Isothermal method.



SOURCE AND PURITY OF MATERIALS:

ESTIMATED ERROR:

No estimates possible.

REFERENCES: