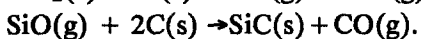
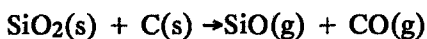


Errata

In the paper of

I. I. Biernacki and G. P. Wotzak

published in J. Thermal Anal., 35 (1989) 1649 on page 1649^c the reactions (1), (2) should read



In the paper of

B. Papánková and H. Langfelderová

published in J. Thermal Anal., 35 (1989) 2347-2358 four Tables are missing.

Table 1 Analytical composition of the prepared compounds $\text{M}_2\text{M}^{\text{II}}(\text{SeO}_4)_2$

Compound		Molar weight, g mol^{-1}	M^{II}	
$\text{M}_2\text{M}^{\text{II}}(\text{SeO}_4)_2$			Calc.	Found
M^{I}	M^{II}			
K	Cu	472.66	14.86	14.03
Tl	Cu	758.23	8.38	8.43
K	Ni	422.82	13.89	13.84
Tl	Ni	753.38	7.79	7.74
NH_4	$\text{Cu}, 6\text{H}_2\text{O}$	493.63	12.87	12.82
NH_4	$\text{Ni}, 6\text{H}_2\text{O}$	488.78	12.01	11.90

Table 2 Electronic spectra of studied compounds $M_2M^{II}(SeO_4)_2$

M^I	M^{II}	n	$\tilde{\nu}_{(max)} (d-d), cm^{-1}$			
K	Cu	6		12250		8200
K	Cu	0		10360		8200
Tl	Cu	6		12200		8050
Tl	Cu	0			11900	
K	Ni	6	25900	15500,sh	14200	8500
K	Ni	0	24200	14700,sh	12580	7700
Tl	Ni	6	25800	15500,sh	14200	8150
Tl	Ni	0	23950	11400,sh	12900	10500

sh = shoulder

Table 3 IR spectra of the compounds $M_2M^{II}(SeO_4)_2$

M^I	M^{II}	n	Vibration of SeO_4^{2-}, cm^{-1}		
			$\tilde{\nu}_1$	$\tilde{\nu}_3$	$\tilde{\nu}_4$
K	Cu	6 ^a	830w, sh	890s, br	435s, br
K	Cu	0	830m	875m 910w 930sh	475s
Tl	Cu	6 ^b	820s	850s, br	430s, br
Tl	Cu	0	826m	860sh 883m	473s
K	Ni	6 ^b	825w, sh	880s, br	440s
K	Ni	0	833m	880m 913w	480s
Tl	Ni	6 ^b	820vw	860s, br	420s, br
Tl	Ni	0		855m 840sh	400s

Abbreviations: s - strong, m - medium, w - weak, v - very, br - broad, sh - shoulder

^a citation from [9], ^b citation from [13]**Table 4** Thermal decomposition of $K_2Cu(SeO_4)_2$

Temp., °C	Weight loss, %		Chemical analysis				Calculated for
	Found	Calc.	%Cu		%Se		
420	9	7	16.95	16.06	35.95	39.91	$K_2Cu(SeO_3)_2$
520	20.45	22.5	19.14	19.98	32.16	32.28	$K_2O \cdot CuO \cdot SeO_2 +$ $+ 0.3SeO_2$
600	37	33.43	23.12	22.32	25.98	27.73	$K_2O \cdot CuO \cdot SeO_2$