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Errata

In the paper of

I. I. Biernacki and *G. P. Wotzak*

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

$$SiO_2(s) + C(s) \rightarrow SiO(g) + CO(g)$$
$$SiO(g) + 2C(s) \rightarrow SiC(s) + CO(g).$$

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 $M^I_2M^{II}(SeO_4)_2$

Compound $M^I_2M^{II}(SeO_4)$		Molar weight, $gmol^{-1}$	M^{II}	
			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	Cu, $6H_2O$	493.63	12.87	12.82
NH_4	Ni, $6H_2O$	488.78	12.01	11.90

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Table 2 Electronic spectra of studied compounds $M^I_2M^{II}(SeO_4)_2$

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 $M^I_2M^{II}(SeO_4)_2$

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	475s
				910w	
				930sh	
Tl	Cu	6[b]	820s	850s, br	430s, br
Tl	Cu	0	826m	860sh	473s
				883m	
K	Ni	6[b]	825w, sh	880s, br	440s
K	Ni	0	833m	880m	480s
				913w	
Tl	Ni	6[b]	820vw	860s, br	420s, br
Tl	Ni	0		855m	400s
				840sh	

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 %Cu		%Se		Calculated for
	Found	Calc.	Found	Calc.	Found	Calc.	
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	$K_2O \cdot CuO \cdot SeO_2$