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## Errata

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## ERRATA

### **Rapid Separation of $Tl^+$ and $Pb^{2+}$ from Various Binary Cation Mixtures Using Dicyclohexano-18-Crown-6 Incorporated into Emulsion Membranes**

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JAMES J. CHRISTENSEN

[article in *Separation Science and Technology*, 17(11), 1351–1360 (1982)]

On page 1351, the 7th, 8th, and 9th lines of the Abstract should read:

$Tl^+ > Ag^+ > Rb^+ > Cs^+ > K^+ > Na^+$  and  $Pb^{2+} > Sr^{2+} > Ba^{2+} > Ca^{2+}$  for uni- and bivalent cations, respectively. Significant extraction was found for all cations except  $Na^+$ ,  $K^+$ , and  $Ca^{2+}$ . Some metal ions were concentrated nearly 10-fold in a

On page 1352, in the 6th line below the structural formula, change “partitioning” to “partitioning”

On page 1356, the 3rd, 4th, 5th, and 6th lines of regular text should read:

$Tl^+ > Ag^+ > Rb^+ > Cs^+ > K^+ > Na^+$  in the case of the univalent cations and  $Pb^{2+} > Sr^{2+} > Ba^{2+} > Ca^{2+}$  in the case of the bivalent cations. A significant change between initial and final concentrations is seen for all metal ions except  $Na^+$ ,  $K^+$ , and  $Ca^{2+}$ , while essentially complete extraction

On page 1357, Table 2 should read:

TABLE 2

Initial (*i*) and Final (*f*)<sup>a</sup>  $M^{n+}$  Concentrations ( $\mu\text{g/mL}$ ) in the Source Phase for Single Cation Transport Together with the Enrichment Ratio (*E*) for Each Cation

$M^{n+}$	<i>i</i>	<i>f</i>	<i>E</i>
Na <sup>+</sup>	123	118	0.40
K <sup>+</sup>	106	92	1.32
Rb <sup>+</sup>	134	92	3.13
Cs <sup>+</sup>	183	155	1.53
Ag <sup>+</sup>	107	60	4.39
Tl <sup>+</sup>	120	5	9.58
Ca <sup>2+</sup>	124	115	0.73
Sr <sup>2+</sup>	84	37	5.60
Ba <sup>2+</sup>	135	81	4.00
Pb <sup>2+</sup>	128	6	9.53

On page 1358, the right-hand column head in Table 3 should read:  $\phi[\text{Ti}^+]/[\text{M}^{n+}]$ . In Table 4, the next to last entry in the 5th column from the left should read:  $\text{Sr}^{2+}$ .

On page 1359, in the top text line, 10.1 should read 11.2.

On page 1359, the 13th and 14th text lines down should read:

~1.7. However,  $\text{Ti}^+$  is transported preferentially to either  $\text{Ca}^{2+}$  or  $\text{Sr}^{2+}$  (log *K* ~5) both in the single cation (Table 2) and binary cation (Table 3)

Also on page 1359, the final sentence (This result . . . 9.53.) in the 2nd paragraph from the bottom of the page should be deleted.

On page 1360, the contract number in the Acknowledgments should read: DEACO2-78ER05016.

In the Reference section, the following changes should be made:

4. S. Nishimura, *Kagaku Kogaku*, 41, 189 (1977).
14. J. J. Christensen, J. D. Lamb, P. R. Brown, J. L. Oscarson, and R. M. Izatt, *Sep. Sci. Technol.*, 16, 1193-1215 (1981).