		Mg^{2+}			Na^{+}			Li^{+}			Ba^{2+}			Ca^{2+}		
		AM	A_2M	AM_2	AM	A_2M	AM_2	AM	A_2M	AM_2	AM	A_2M	AM_2	AM	A_2M	AM_2
II	$\varepsilon(\lambda_1)$	9.6×10^3	-	9.8×10^3	8.2×10^3	7.4×10^3	-	6.2×10^3	-	1.3×10^4	1.1×10^4	2.8×10^4	1.7×10^4	8.6×10^3	-	1.5×10^4
	$\varepsilon(\lambda_2)$	1.8×10^4	-	9.8×10^3	1.2×10^4	5.8×10^3	-	1.0×10^4	-	1.8×10^4	2.2×10^4	7.2×10^3	1.5×10^4	5.0×10^3	5.4×10^4	1.9×10^4
	$\varepsilon(\lambda_3)$	2.4×10^4	-	1.6×10^4	1.5×10^4	7.4×10^4	-	2.2×10^4	-	1.0×10^4	2.2×10^3	4.8×10^4	4.2×10^3	2.0×10^4	-	1.3×10^3
	$\varepsilon(\lambda_4)$	6.2×10^3	-	3.6×10^4	8.6×10^3	6.8×10^4	-	1.5×10^4	-	1.0×10^4	-	2.4×10^4	-	1.5×10^4	2.8×10^5	-
I	$\varepsilon(440)$	2.7×10^4	-	-	-	-	-	-	-	-	-	-	-	2.4×10^4	-	-
	$\varepsilon(520)$	4.3×10^4	-	-	-	-	-	-	-	-	-	-	-	5.4×10^4	-	-

$\varepsilon(\lambda_i)$ is the molar extinction coefficient ($M^{-1}cm^{-1}$) of complexes AM, A_2M and AM_2 at the wavelengths used for the data fitting.

For cation Mg^{2+}: $\lambda_1 = 330$ nm, $\lambda_2 = 400$ nm, $\lambda_3 = 430$ nm, $\lambda_4 = 520$ nm.

For cation Na^{+}: $\lambda_1 = 330$ nm, $\lambda_2 = 356$ nm, $\lambda_3 = 430$ nm, $\lambda_4 = 450$ nm.

For cation Li^{+}: $\lambda_1 = 330$ nm, $\lambda_2 = 356$ nm, $\lambda_3 = 430$ nm, $\lambda_4 = 450$ nm.

For cation Ba^{2+}: $\lambda_1 = 330$ nm, $\lambda_2 = 356$ nm, $\lambda_3 = 420$ nm, $\lambda_4 = 450$ nm.

For cation Ca^{2+}: $\lambda_1 = 330$ nm, $\lambda_2 = 356$ nm, $\lambda_3 = 430$ nm, $\lambda_4 = 450$ nm.

SUPPLEMENTARY MATERIAL