Supplementary Information

Cation Profiles in Different Anatomical Parts of the Medicinal Plant Sambiloto (*Andrographis paniculata*) Determined by Ion Chromatography

Muhammad Amin[a*], Elsa Sriwahyuni[a], Khusna Arif Rakhman[a], Merlin Merlin[a], Abu Rahmat Ibrahim[b], Anang Sedyohutomo[c], and Linda Kurnia Mustafa[a]

[a]*Department of Chemistry Education, Faculty of Teacher Training and Education, Khairun University, Ternate, 97723, North Maluku, Indonesia*
[b]*Department of Agricultural Product Technology, Faculty of Agriculture, Khairun University, Ternate, 97719, North Maluku, Indonesia*
[c]*Department of Chemistry, Faculty of Medicine, Hamamatsu University School of Medicine, Hamamatsu 431-3192, Japan*

[*]*Corresponding author: muh_amin@unkhair.ac.id*

Table S1. Summary of LOD values.

Cations	Standard concentration (II) (mg/L)	Peak height (µS/cm)	Sensitivity (µS/cm per mg/L)	LOD (mg/L)
Li^+	4	25.080	6.270	0.024
Na^+	9	18.169	2.271	0.074
NH_4^+	9	24.227	3.028	0.056
K^+	9	8.385	1.048	0.161
Mg^{2+}	9	9.527	1.191	0.141
Ca^{2+}	9	4.766	0.596	0.284

Table S2. Summary of RSD values.

Cations	Concentration in Standard II (mg/L)	RSD of peak height (%)
Li^+	4	1.89
Na^+	9	1.93
NH_4^+	9	2.35
K^+	9	2.65
Mg^{2+}	9	2.71
Ca^{2+}	9	3.04