

Erratum

Erratum to “Determination of aristolochic acids in medicinal plant and herbal product by liquid chromatography–electrospray–ion trap mass spectrometry” [Talanta 60 (4) (2003) 679–685]

Shun-An Chan^a, Ming-Jyh Chen^b, Tsung-Yun Liu^a, Ming-Ren Fuh^{b,*},
Jou-Fang Deng^c, Ming-Lin Wu^c, Su-Jong Hsieh^d

^a Department of Medical Research and Education, Veterans General Hospital-Taipei, Taipei, Taiwan, ROC

^b Department of Chemistry, Soochow University, P.O. Box 86–72, Taipei, Taiwan, ROC

^c Department of Medicine, Veterans Division of General Hospital-Taipei and National Yang-Ming University, Taipei, Taiwan, ROC

^d Division of Nephrology, Department of Medicine, Shine Kong Wu Ho-Su Memorial Hospital, Taipei, Taiwan, ROC

The publisher regrets that during the processing of the above mentioned paper Tables 1–4 were omitted. They are now reproduced below.

Table 1
Gradient elution program

Time (min)	A (%)	B (%)
0	70	30
5	35	65
15	20	80
17	20	80
20	70	30

(A) Water with 1.0 mM ammonium acetate and 0.2% (v/v) acetic acid. (B) Methanol with 1.0 mM ammonium acetate and 0.2% (v/v) acetic acid.

Table 2
Calibration data and detection limit of aristolochic acid by LC–ES–MS–MS

Compound	Calibration data ^a	Detection limit (µg/ml)
AA-I	$Y = 14.37X + 0.10$	0.012
AA-II	$Y = 8.32X + 0.01$	0.015

^a X: concentration, µg/ml. Y: peak area ratio (area of each peak/area of ISTD) ISTD: 1-naphthoxy acetic acid, 3.00 µg/ml.

Table 3
Recovery of aristolochic acid added sample

Compound	Recovery ^a (%)			
	10 µg/g	50 µg/g	100 µg/g	500 µg/g
AA-I	82 ± 5	77 ± 5	79 ± 3	87 ± 2
AA-II	92 ± 3	103 ± 2	100 ± 5	99 ± 3

^a Average ± standard deviation of three measurements.

Table 4
The content of aristolochic acid (AA-I and AA-II) in Chinese medicinal plants and herbal remedies

Sample	AA-I (µg/g)	AA-II (µg/g)
Chinese medicinal plants		
<i>Aristolochia fangchi</i> ^a	753.1	47.7
<i>Aristolochia manshuriensis</i> ^b	2448.5	476.4
<i>Aristolochia contorta</i> ^a	1108.9	62.1
<i>Aristolochia dibilis</i> Sieb ^b	2653.3	871.3
<i>Asarum heterotopoides</i>	16.8	N.D.
<i>Akebia trifoliata</i>	N.D.	N.D.
<i>Akebia quinata</i>	N.D.	N.D.
Chinese herbal remedies		
Powder-1 ^c	75.6	11.0
Powder-2	1.2	N.D.
Powder-3	3.1	1.1
Powder-4	1.6	N.D.
Powder-5	N.D.	N.D.
Powder-6	N.D.	N.D.
Powder-7	N.D.	N.D.
Pill-1	N.D.	N.D.
Pill-2	1.5	N.D.
Pill-3 ^c	81.1	12.2
Pill-4	N.D.	N.D.
Pill-5	N.D.	N.D.

^a The extract of this sample was diluted 5-fold prior to analysis.

^b The extract of this sample was diluted 10-fold prior to analysis.

^c The extract of this sample was diluted 3-fold prior to analysis.

DOI of original article: 10.1016/S0039-9140(03)00142-5.

* Corresponding author. Tel.: +886 2 2881 9471x6821;

fax: +886 2 2881 2685.

E-mail address: msfuh@mail.scu.edu.tw (M.-R. Fuh).