表二、市售有機與慣行栽培白米之抗氧化能力與抗氧化物質分析結果

Table 2. The antioxidant capacity and antioxidant materials analysis of market sell milled rice of organic and conventional cultivation.

Varieties	Samples	ORAC[z] (μM)	DPPH SE[y] (%)	Chelating ability ferrous ions (%)	Reducing power (%)	Total polyphenol (mg/100g)	Total flavonoid (mg/100g)
				Organic cultivation			
Taichung-Sen 10	1	72.4 b[x]	91.3 bc	28.1 d	0.32 bc	14.9 c	N.D.[w]
	2	89.4 b	92.4 b	2.5 g	0.40 a	15.6 c	N.D.
	3	81.0 b	94.4 a	58.6 a	0.40 a	6.6 d	N.D.
Kaohsiung 139	4	77.1 b	91.4 bc	17.5 e	0.35 b	15.5 c	N.D.
	5	77.5 b	90.2 c	29.6 d	0.31 bc	14.2 c	0.00 c
				Conventional cultivation			
Taichung-Sen 10	6	476.0 a	78.9 g	10.1 f	0.20 e	21.4 b	0.28 b
	7	521.5 a	86.1 e	16.6 e	0.35 b	28.9 a	3.17 a
Kaohsiung 139	8	67.3 b	84.1 f	35.4 c	0.20 e	N.D.	N.D.
	9	63.4 b	86.1 e	40.8 b	0.26 d	N.D.	0.00 c
	10	67.5 b	88.4 d	34.7 c	0.30 c	1.4 e	N.D.

[z] ORAC: Oxygen radical absorbance capacity.
[y] DPPH SE: DPPH (α,α-diphenyl-β-picryhydrazyl) scavenging effects.
[x] The same letters are not significantly different 5% by LSD.
[w] N.D.: Not detected.