表四、市售白米與糙米之抗氧化能力與抗氧化物質分析結果

Table 4. The antioxidant capacity and antioxidant materials analysis of milled and brown rice on market sell.

Samples	ORAC[z] (μM)	DPPH SE[y] (%)	Chelating ability ferrous ions (%)	Reducing power (%)	Total polyphenol (mg/100g)	Total flavonoid (mg/100g)
			Milled rice			
OC-Taichung-Sen 10[x]	80.9 b[w]	92.7 a	29.7 bc	0.37 b	12.4 b	-[v]
OC-Kaohsiung 139	77.3 b	90.8 a	23.6 c	0.33 b	14.9 b	-
CC-Taichung-Sen 10	498.8 ab	82.5 a	13.4 c	0.27 b	25.2 ab	1.8 a
CC-Kaohsiung 139	66.1 a	86.2 a	36.7 abc	0.25 b	-	-
			Brown rice			
OC-Taichung-Sen 10	449.1 ab	93.8 a	72.4 a	1.14 a	46.9 ab	15.8 a
OC-Kaohsiung 139	468.2 ab	93.5 a	71.6 a	1.08 a	54.2 a	23.7 a
CC-Taichung-Sen 10	1237.8 a	92.4 a	59.8 ab	1.18 a	62.2 a	28.9 a
CC-Kaohsiung 139	1009.5 ab	92.8 a	66.1 a	1.22 a	56.6 a	28.5 a

[z] ORAC: Oxygen radical absorbance capacity.

[y] DPPH SE: DPPH (α,α-diphenyl-β-picryhydrazyl) scavenging effects.

[x] OC: Organic cultivation; CC: Conventional cultivation.

[w] The same letters are not significantly different 5% by LSD.

[v] -: Data inadequate.