

Table 1 Comparison of nutrient contents in pulp of 25 *Momordica charantia* varieties (lines)

No.	Vc content ($\mu\text{g/g}$)	Soluble protein content (mg/g)	Cellulose content (mg/g)	Amino acid content (mg/g)	Total acid content (%)
1	125.83 \pm 5.22b	6.07 \pm 0.02g	274.94 \pm 18.22b	0.52 \pm 0.04j	0.47 \pm 0.028b
2	73.43 \pm 3.20fg	8.65 \pm 0.10d	357.71 \pm 20.23b	0.73 \pm 0.023i	0.38 \pm 0.009c
3	82.29 \pm 1.88ef	9.91 \pm 0.31c	398.70 \pm 25.53a	2.00 \pm 0.038b	0.46 \pm 0.008b
4	62.35 \pm 2.33gh	5.02 \pm 0.22h	360.67 \pm 13.09b	1.68 \pm 0.013e	0.44 \pm 0.003b
5	79.17 \pm 4.67f	6.49 \pm 0.17f	282.13 \pm 10.25d	1.27 \pm 0.024f	0.48 \pm 0.010b
6	109.90 \pm 5.13cd	7.82 \pm 0.15e	299.93 \pm 9.88d	1.88 \pm 0.041d	0.46 \pm 0.007b
7	82.73 \pm 2.15ef	7.90 \pm 0.12e	349.86 \pm 7.26b	1.97 \pm 0.018c	0.47 \pm 0.016b
8	65.28 \pm 2.98g	6.20 \pm 0.08g	318.35 \pm 6.22c	1.86 \pm 0.013d	0.52 \pm 0.021a
9	63.07 \pm 3.21gh	13.30 \pm 0.40a	287.31 \pm 10.67d	2.03 \pm 0.012bc	0.42 \pm 0.005bc
10	158.65 \pm 4.33a	11.52 \pm 0.25b	317.30 \pm 16.30c	2.06 \pm 0.042bc	0.44 \pm 0.003b
11	74.94 \pm 2.45f	7.85 \pm 0.33e	303.88 \pm 18.23cd	2.60 \pm 0.025a	0.48 \pm 0.027b
12	88.59 \pm 4.67e	10.71 \pm 0.24bc	308.78 \pm 15.56cd	1.25 \pm 0.040f	0.41 \pm 0.009bc
13	87.37 \pm 4.09e	7.58 \pm 0.34e	301.64 \pm 10.32cd	1.95 \pm 0.051c	0.41 \pm 0.026bc
14	56.65 \pm 2.56h	5.13 \pm 0.11h	399.46 \pm 17.89a	2.03 \pm 0.048bc	0.40 \pm 0.008bc
15	117.28 \pm 3.66b	4.70 \pm 0.06h	298.79 \pm 10.65d	1.05 \pm 0.043g	0.41 \pm 0.017bc
16	77.78 \pm 1.54f	8.38 \pm 0.13d	262.28 \pm 9.24e	2.14 \pm 0.027b	0.40 \pm 0.013bc
17	85.23 \pm 2.33e	6.35 \pm 0.15f	344.20 \pm 8.57bc	1.66 \pm 0.058e	0.41 \pm 0.003bc
18	64.53 \pm 1.36g	6.99 \pm 0.20f	315.73 \pm 5.33c	0.88 \pm 0.010h	0.40 \pm 0.028bc
19	75.85 \pm 3.22f	7.27 \pm 0.16ef	323.63 \pm 10.98c	0.88 \pm 0.012h	0.33 \pm 0.012cd
20	72.20 \pm 4.08fg	12.74 \pm 0.09a	311.26 \pm 10.20cd	1.03 \pm 0.017g	0.37 \pm 0.022c
21	64.18 \pm 2.78g	6.44 \pm 0.07f	315.54 \pm 9.87c	0.97 \pm 0.026g	0.34 \pm 0.006cd
22	83.24 \pm 2.33ef	6.75 \pm 0.12f	284.65 \pm 9.13d	0.86 \pm 0.015h	0.36 \pm 0.009c
23	102.74 \pm 3.98d	10.85 \pm 0.23bc	304.16 \pm 10.75cd	0.31 \pm 0.008k	0.34 \pm 0.009cd
24	121.19 \pm 7.22b	8.10 \pm 0.22de	299.40 \pm 5.99d	0.62 \pm 0.012j	0.31 \pm 0.027d
25	68.26 \pm 3.56g	6.89 \pm 0.16f	355.76 \pm 10.55b	2.14 \pm 0.013b	0.37 \pm 0.022c

Note: The value marked by different letters are significantly different ($P < 0.05$)