

Supplementary Table S2 The results of physicochemical indexes of Marselan must and wine.

	Must	Wine (on the 19 th day)					
	(0 day)	FS36	YT28	HL12	FS Mixed	YT Mixed	HL Mixed
pH	3.17±0.00	3.14±0.03a	3.14±0.03a	3.14±0.03a	3.15±0.02a	3.12±0.02a	3.14±0.03a
Brix	24.9±0.00	7.70±0.10b	7.50±0.10b	7.30±0.00b	8.00±0.26a	7.87±0.15ab	7.70±0.20b
Alcohol (%Vol)	N.D.	12.20±0.61a	12.19±0.08a	11.92±0.02a	12.44±0.26a	12.34±0.20a	12.46±0.34a
Glycerol (g/L)	N.D.	8.63±0.17a	7.61±0.02d	7.05±0.02e	8.42±0.20b	8.14±0.52c	7.61±0.46d
Sugar (g/L)							
Glucose	144.55±0.00	1.01±0.15d	1.17±0.25a	1.15±0.23b	1.09±0.14c	1.17±0.36a	1.08±0.31c
Fructose	140.55±0.00	1.15±0.02e	1.39±0.00d	1.58±0.04c	1.92±0.48b	2.92±2.29a	0.81±0.18f
Acids (g/L)							
Citric acid	0.02±0.00	0.03±0.00d	0.04±0.00b	0.05±0.00a	0.04±0.00ab	0.03±0.00c	0.03±0.00c
Tartaric acid	0.34±0.05	0.27±0.03a	0.27±0.00a	0.27±0.01a	0.27±0.02a	0.26±0.01a	0.26±0.01a
Pyruvate	N.D.	0.01±0.00b	0.01±0.00b	0.01±0.01ab	0.01±0.01a	0.01±0.00a	0.01±0.00b
Malic acid	0.40±0.05	0.09±0.01b	0.10±0.00b	0.11±0.00ab	0.12±0.02a	0.11±0.01ab	0.10±0.01ab
Succinic acid	N.D.	0.36±0.01c	0.46±0.02a	0.41±0.02b	0.33±0.01c	0.45±0.03ab	0.42±0.03b
Acetic acid	N.D.	0.10±0.02b	0.10±0.00b	0.15±0.00a	0.12±0.02b	0.09±0.01b	0.10±0.00b
Ascorbic acid	N.D.	0.03±0.00b	0.03±0.00ab	0.03±0.00ab	0.03±0.01a	0.03±0.00a	0.03±0.01ab

N.D. means no detection, different letters indicate the significant differences at $p < 0.05$.