

TABLE 2
Least significance difference test for phenolic compounds (mg/L) measured in Syrah wines. Average values (mg/L) of Syrah wines as affected by different yeast and lactic acid bacteria combinations.

Phenolic compounds	Treatment									
	¹ Sc	² Hu+Sc	³ Mp+Sc	Sc+LAB1 ⁴	Hu+Sc+LAB1	Mp+Sc+LAB1	Sc+LAB2 ⁵	Hu+Sc+LAB2	Mp+Sc+LAB2	
(+)-Catechin	2.831 ^{abcd}	2.433 ^d	2.751 ^{bcd}	2.941 ^{abcd}	3.251 ^{ab}	2.971 ^{abcd}	3.281 ^{abc}	2.605 ^{cd}	3.451 ^a	
Caffeic acid	8.921 ^{cd}	5.082 ^d	12.442 ^{bcd}	19.051 ^{ab}	17.215 ^{abc}	23.345 ^a	10.706 ^{bcd}	11.381 ^{bcd}	10.435 ^{bcd}	
Gallic acid	2.523 ^a	2.242 ^a	2.182 ^a	2.302 ^a	2.433 ^a	2.246 ^a	2.481 ^a	2.351 ^a	2.561 ^a	
<i>p</i> -Coumaric acid	10.132 ^{bc}	18.312 ^c	17.241 ^c	20.812 ^a	20.081 ^{ab}	26.291 ^a	18.426 ^{ab}	19.561 ^{ab}	16.226 ^{abc}	
Ferulic acid	7.481 ^a	7.793 ^a	7.221 ^a	7.271 ^a	7.081 ^a	6.806 ^a	7.371 ^a	7.281 ^a	7.181 ^a	
Quercetin	2.362 ^a	2.271 ^a	2.141 ^a	1.751 ^a	2.034 ^a	2.391 ^a	2.536 ^a	2.118 ^a	2.616 ^a	
Kaempferol	1.151 ^b	1.752 ^a	1.242 ^{ab}	1.561 ^{ab}	1.606 ^a	1.691 ^a	1.881 ^{ab}	1.554 ^{ab}	1.918 ^{ab}	
Delphinidin 3- <i>O</i> -glucoside	3.941 ^b	4.605 ^{ab}	4.323 ^{ab}	4.371 ^{ab}	4.807 ^{ab}	4.851 ^{ab}	4.371 ^{ab}	5.091 ^a	5.105 ^a	
Petunidin 3- <i>O</i> -glucoside	9.752 ^{ab}	12.104 ^{ab}	10.713 ^{ab}	7.631 ^b	12.971 ^{ab}	12.707 ^{ab}	11.726 ^{ab}	13.416 ^a	13.606 ^a	
Peonidin 3- <i>O</i> -glucoside	6.313 ^b	7.681 ^{ab}	7.103 ^{ab}	6.313 ^b	7.481 ^{ab}	7.635 ^{ab}	6.735 ^{ab}	8.046 ^a	7.981 ^a	
Malvidin 3- <i>O</i> -glucoside	66.183 ^c	85.171 ^{abc}	73.031 ^{bc}	94.961 ^a	91.725 ^{ab}	87.971 ^{ab}	82.061 ^{abc}	93.527 ^{ab}	97.235 ^a	
Delphinidin 3-(6-acetyl) glucoside	2.572 ^{abc}	3.206 ^a	3.181 ^a	1.751 ^c	1.781 ^c	1.851 ^{bc}	1.806 ^c	2.027 ^{bc}	2.835 ^{ab}	
Petunidin 3-(6-acetyl) glucoside	3.072 ^a	4.005 ^a	3.831 ^a	3.027 ^a	3.815 ^a	3.434 ^a	3.191 ^a	4.045 ^a	4.081 ^a	
Peonidin 3-(6-acetyl) glucoside	2.491 ^b	3.543 ^{ab}	3.361 ^{ab}	3.991 ^{ab}	4.363 ^a	3.945 ^{ab}	3.661 ^b	3.708 ^b	4.655 ^a	
Malvidin 3-(6-acetyl) glucoside	18.181 ^c	24.016 ^{abc}	21.221 ^{bc}	28.451 ^{ab}	28.717 ^{ab}	26.481 ^{ab}	24.608 ^{abc}	29.171 ^a	30.281 ^a	
Delphinidin 3-(6- <i>p</i> -coumaroyl) glucoside	0.981 ^a	1.481 ^a	0.661 ^a	0.791 ^a	0.781 ^a	0.743 ^a	0.861 ^a	0.861 ^a	0.791 ^a	
Malvidin 3-(6- <i>p</i> -coumaroyl) glucoside	9.052 ^c	13.534 ^{bc}	10.291 ^{bc}	16.044 ^a	14.371 ^{ab}	12.581 ^{abc}	13.214 ^{abc}	13.816 ^{abc}	15.325 ^a	

¹ Sc = *Saccharomyces cerevisiae* (VIN13); ² Hu = *Hanseniaspora uvarum*; ³ Mp = *Metschnikowia pulcherrima*; ⁴ LAB1 = *Oenococcus oeni*; ⁵ LAB2 = *Lactobacillus plantarum*; Different super indexes a, b, c and d in the same row indicate significant differences in the content of the oenological parameters among the different treatments according to the least significant difference test ($p < 0.05$).

