

Table 2 Interaction effects of drying methods and varieties on physico chemical qualities of hot pepper

| Drying*Varieties | MC (%) | PH | TSS (°Brix) | BD (g/cm ³) | Browning index | Oleoresin (%) | Carotenoids (µg/g) |
|------------------|--------------------|-------------------|-------------------|-------------------------|-------------------|-------------------|--------------------|
| T1*MF | 4.74 ^c | 4.97 ^b | 3.83 ^a | 0.44 ^b | 2.15 ^a | 9.54 ^b | 1.64 ^a |
| T2*MF | 11.33 ^a | 5.92 ^a | 3.47 ^b | 0.52 ^a | 0.21 ^b | 8.98 ^c | 1.66 ^a |
| T1*GB | 3.17 ^d | 5.23 ^b | 3.33 ^b | 0.41 ^b | 1.96 ^a | 9.94 ^a | 1.62 ^a |
| T2*GB | 11.09 ^b | 5.63 ^a | 2.73 ^c | 0.43 ^b | 0.48 ^b | 7.89 ^d | 1.66 ^a |
| CV | 1.19 | 3.09 | 2.73 | 4.30 | 14.16 | 1.25 | 1.69 |
| LSD | 0.17 | 0.31 | 0.17 | 0.04 | 0.32 | 0.21 | 0.05 |

Note: T1 = Oven-drying, T2 = Sun-drying, MF = *Marako fana*, GB = *Gababa*, BD = Bulk density, CV = coefficient of variance, LSD= Least significant difference, means within a same column followed by the same letters are not significantly different ($p>0.05$)