The dissolution rates of Capsaicin, Dihydrocapsaicin and Capsaicinoids in brine

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| Sample No. | Capsaicin (g/kg) | Dihydrocapsaicin (g/kg) | Capsaicinoids (g/kg) |
| 1 | 2.62±0.48fgh | 0.91±0.17ij | 3.92±0.67ghijk |
| 2 | 4.49±0.31c | 1.49±0.05cd | 6.64±0.38cd |
| 3 | 4.29±0.52c | 1.46±0.15d | 6.39±0.72d |
| 4 | 5.28±0.13b | 1.82±0.07a | 7.90±0.21c |
| 5 | 1.11±0.01o | 0.26±0.01l | 1.52±0.01nop |
| 6 | 1.48±0.08no | 0.59±0.05k | 2.30±0.14lmn |
| 7 | 1.39±0.02no | 0.51±0.01k | 2.11±0.01mno |
| 8 | 2.57±0.03ghi | 0.83±0.02j | 3.78±0.05ghijkl |
| 9 | 7.94±0.50a | 1.63±0.08bc | 10.64±0.65b |
| 10 | 2.56±0.27ghi | 1.07±0.12gh | 4.04±0.43ghij |
| 11 | 3.33±0.29de | 1.40±0.20de | 5.26±0.52defg |
| 12 | 2.98±0.02ef | 1.45±0.01d | 4.92±0.03efgh |
| 13 | 2.33±0.08hijk | 1.21±0.05fg | 3.93±0.14ghijk |
| 14 | 1.66±0.04mn | 0.58±0.01k | 2.49±0.04klmn |
| 15 | 2.14±0.01jkl | 0.52±0.05k | 2.96±0.06ijklmn |
| 16 | 0.53±0.04p | 0.23±0.01l | 0.85±0.06op |
| 17 | 4.25±0.26c | 1.27±0.07ef | 6.14±0.36de |
| 18 | 5.32±0.29b | 1.75±0.15ab | 7.85±0.49c |
| 19 | 5.26±0.25b | 1.89±0.20a | 7.95±0.48c |
| 20 | 1.79±0.01lmn | 0.56±0.01k | 2.61±0.02jklmn |
| 21 | 2.91±0.11fg | 1.03±0.03hi | 4.37±0.14fghi |
| 22 | 2.20±0.16ijk | 0.63±0.10k | 3.15±0.27ijklm |
| 23 | 1.96±0.12klm | 0.63±0.04k | 2.88±0.17ijklmn |
| 24 | 2.54±0.03ghij | 0.80±0.01j | 3.71±0.03hijkl |
| 25 | 3.57±0.08d | 1.37±0.11de | 5.48±0.18def |
| 26 | 0.20±0.01p | 0.17±0.01l | 0.41±0.02p |

Results were expressed as means±SD, different letters in the same column represent significant difference，*P*<0.05