Table S7. Polyamines identified in lulo fruit and its non-homogenized and homogenized juice at different homogenization pressures by high performance LC-MS/MS.

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| --- | --- | --- | --- | --- | --- |
| **Compound** | **Sample** | **Rt (Min)** | **[M-H]- / [M-H]+** | MS2fragments m/z | **Molecular Formula** |
| N, N´-bis(dihydrocaffeoyl) spermine | LF, NHJ, H50J, H100J, H150J | 13.12 | 472/474 | 350 (40),308 (40) | C25H35N3O6 |
| N, N´N-tris(dihydrocaffeoyl) spermine | 16.4 | 637/638 | 514(25), 472(30) | C34H43N3O9 |
| N, N´-bis(dihydrocaffeoyl) spermine hexoside | 16.6 | 653/653 | - | C31H47N3O12 |
| N, N, N´-tris(dihydrocaffeoyl) spermine hexoside | 17.8 | 817/818 | - | C40H55N3O15 |
| N, N´-bis(dihydrocaffeoyl) spermine dihexoside | 18.9 | 833/834 | - | C37H59N3O18 |

LF: Lulo fruit; NHJ: non-homogenized juice; H50J: homogenized lulo juice at 50 MPa ; H100J: homogenized lulo juice at 100MPa; H150J: homogenized lulo juice at 150MPa. Confirmed with MS fragmentation and database results; Confirmed with reference