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# Abbreviations

| | |
|---|---|
| AcOH | Acetic acid |
| AF | Anthocyanin-fraction |
| AJ | Concentrated aronia juice |
| arab | arabinoside |
| AP | Aronia pomace |
| A20 | Actiplants® Aronia 20 % |
| Conc. | Concentration |
| CCC | Counter-current chromatography |
| $CH_3CN$ | Acetonitrile |
| CF | Copigment-fraction |
| CQA | Caffeoylquinic acid |
| Cy | Cyanidin |
| δ | Chemical shift in ppm (Parts per Million) |
| d | Doublet |
| dd | doublet of doublets |
| ddd | doublet of doublet of doublets |
| DAD | Diode array detector |
| DEPT | Distortionless enhancement by polarisation transfer |
| Del | Delphinidin |
| diglc | diglucoside |
| DM | Dry matter |
| ESI | Electrospray ionization |
| EtOAc | Ethyl acetate |
| EtOH | Ethanol |
| FW | Fresh weight |
| GAE | Gallic acid equivalent |
| gal | galactoside |
| glc | glucoside |
| H | Head |
| HCl | Hydrochloric acid |
| Hz | Hertz |
| HPLC | High-performance liquid chromatography |
| HSCCC | High-Speed Counter-current chromatography |
| i. D. | inside diameter |
| J | J-coupling in Hertz (s-1; Hz) |

| | |
|---|---|
| k | Partition coefficient |
| λ | Wavelength in nm |
| LC | Liquid Chromatography |
| LP | Lower phase |
| LSRCCC | Low Speed Rotary Countercurrent Chromatography |
| m | Multiplett |
| M | Molar |
| $[M]^+$ | Pseudo-molecular ion (pos. Modus) |
| $[M-H]^-$ | Pseudo-molecular ion (neg. Modus) |
| max | Maxima |
| MC | Membrane chromatography |
| MeOH | Methanol |
| min | Minutes |
| MS | Mass spectrometry |
| Mv | Malvidin |
| *m/z* | Mass-to-charge-ratio |
| n-BuOH | n-Butanol |
| n.d. | Not detected |
| nm | nanometer |
| NMR | Nuclear magnetic resonance |
| No. | Number |
| p. a. | per Analysis |
| Pg | Pelargonidin |
| Pn | Peonidin |
| ppm | Parts per million |
| Pt | Petunidin |
| q | quartet, quadruplet |
| rpm | Revolutions per minute |
| RP-18 | Reversed-phase 18 |
| rut | rutinoside |
| s | Singlet |
| samb | sambubioside |
| soph | sophoroside |
| T | Tail |
| t | triplet |
| tBME | *tert*-butyl methyl ether |
| TFA | Trifluoroacetic acid |