|  |  |  |
| --- | --- | --- |
| Species | Δitlδ195Pt/ppma /Hz | |
| [PtCl6]2- | 0.171 | 22 |
| [PtCl5(H2O)]- | 0.194 | 25 |
| *cis-*[PtCl4(H2O)2] | 0.184 | 23.7 |
| *trans-*[PtCl4(H2O)2] | 0.156 | 20 |
| *fac-*[PtCl3(H2O)3]+ | 0.217 | 28 |
| *mer-*[PtCl3(H2O)3]+ | 0.185 | 23.8 |
| *cis-*[PtCl2(H2O)4]2+ | 0.223 | 28.7 |
| *trans-*[PtCl2(H2O)4]2+ | 0.144 | 18.6 |

a  Δitl195Pt is defined as the average difference between (195Pt) values of two adjacent 35/37Cl isotopologues of a given species, e.g. (*trans*-[Pt 35Cl2(H2O)4]2+ - *trans*-[Pt 35/37Cl2(H2O)4]2+) ~ -0.144 ppm.