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Analysis of catechins in some samples of Indian brand tea by high performance liquid chromatography**Rashmi Srivastava, S Misra and U Singh**

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The beneficial effects of tea (*Camellia sinensis*) leaves have already been studied in detail. However, the researchers are quite interested to explore the exact scientific reasons for these benefits. The biochemical analysis of tea samples has indicated that they contain mostly catechins besides other phenolic acids. Catechins are present in food and beverages of plant origin. Keeping this in mind, high performance liquid chromatographic analysis was performed to estimate catechins in 14 samples of tea in different kind of extraction, 7 types of Indian market brand such as Janhit Green Tea™ (JGT), Tata Tea premium™ (TT), Brooke Bond Taaza™ (BBTZ), Lipton Darjeeling Tea™ (LDT), Tea City™ (TCT), Taj Mahal Tea™ (TAJM), Tetley Tea™ (TET).

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