

## ABSTRACT

### **Comparison of Antioxidant Activity of Black Tea and Black Lemon Tea as determined using DPPH Method**

#### *Literature Review*

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This review is about antioxidant activity of Black Tea and Black Lemon Tea as determined using DPPH Method. DPPH is a stable radical compound, its solution has absorption at a wavelength of 517 nm that will sustain a reduction after reacting with antioxidants. This review was conducted to compare antioxidant activity possessed by black tea and black lemon tea. The steps to journal search were to enter the specified keywords into the database engine, then get the journals in the inclusion-exclusion group, and took 8 journals. Discussion was carried out related to the journal, and the conclusion is antioxidant activity of lemon black tea was higher than black tea. The polyphenols and flavonoids concentration in the combination of black tea and *Citrus lemon* is higher than the polyphenols and flavonoids in black tea.

**Keywords** : black tea, black lemon tea, antioxidant activity, DPPH