# ABSTRAK

**ERSHAL FAHRIAL KUSUMA,** "Analisis Kadar Nikotin Dari Ekstrak Daun Tembakau (*Nicotiana Tabacum*) Yang Berasal Dari Kabupaten Tana Toraja Secara Spektrofotometri Ultraviolet". (Dibimbing oleh **SYAFRUDDIN** dan **SURIANI**).

Telah dilakukan penelitian tentang Analisis Kadar Nikotin Dari Ekstrak Daun Tembakau (*Nicotiana Tabacum*) Yang Berasal Dari Kabupaten Tana Toraja Secara Spektrofotometri Ultraviolet. Tujuan dari penelitian ini adalah berapakah kadar nikotin yang terdapat dalam ekstrak daun tembakau kering (*Nicotiana tabacum*) yang berasal dari Toraja Utara. Berdasarkan hasil hasil analisis kualitatif menunjukkan bahwa ekstrak Daun Tembakau (*Nicotiana tobacum*) mengandung senyawa Nikotin. Hasil analisis kuantitatif diperoleh kadar masing-masing sebesar 3,8013 mg/100gram, 3,8240 mg/100gram dan 3,7891 mg/100gram. Sehingga kadar nikotin rata-rata yang diperoleh pada ekstrak daun tembakau yaitu 3,8048 mg/100gram.

Kata kunci : Nikotin, Daun Tembakau (*Nicotiana Tabacum*), Spektrofotometri Ultraviolet.



## ABSTRACT

**ERSHAL FAHRIAL KUSUMA,** "Analysis of Nicotine Levels from Tobacco Leaf Extract (Nicotiana Tabacum) Derived from Tana Toraja Regency by Ultraviolet Spectrophotometry"(Supervised by **SYAFRUDDIN** and **SURIANI**).

Research has been conducted on the Analysis of Nicotine Levels from Tobacco Leaf Extract (Nicotiana Tabacum) Derived from Tana Toraja Regency by Ultraviolet Spectrophotometry. The purpose of this study was to determine the nicotine content in dried tobacco leaf extract (Nicotiana tabacum) originating from North Toraja. Based on the results of the qualitative analysis indicated that the extract of Tobacco Leaves (Nicotiana tobacum) contains Nicotine compounds. The results of quantitative analysis obtained levels of respectively 3.8013 mg/100gram, 3.8240 mg/100gram and 3.7891 mg/100gram. So that the average nicotine content obtained in the tobacco leaf extract is 3.8048 mg/100gram.



Keywords: Nicotine, Tobacco Leaves (*Nicotiana tabacum*), Ultraviolet Spectrophotometry.




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