Determination Of Antioxidant, Total Phenol And Flavonoud Contents Of Three Endemic *Rhaponticoides* Species

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In this study 3 endemic *Rhaponticoides* species (*Rhaponticoides aytachii, Rhaponticoides iconiensis, Rhaponticoides gokceoglui*) that were collected from different part and regions of Turkey (Konya-Seydişehir, Karaman-Sarıveliler, Antalya-İbradi) are examined for the purpose of maintaining the amount of Flavonoid, Total phenol and Antioxidant on whole, DPPH procedure is used for determining the Antioxidant activity, as for that the analyzes ; the hightest percentage of DPPH is located at *Rhaponticoides gokceoglui* with the number of (% 36.52) deueasingly followed by *Rhaponticoides iconiensis* (% 26.75) and *Rhaponticoides aytachii* (% 12.05). Folin-Ciocalteau Technique that has modified by Singleton and Rossi in 1965 is used to specity Total phenol amount, with reference to the analyzes wich were made; The hightest percentage in tems of Total Phenol is owned to *Rhaponticoides aytachii* (26,56 mgGAE/g) and decreasingly followed by *Rhaponticoides iconiensis* (18,70 mgGAE/g) and *Rhaponticoides gokceoglui* (16,27 mgGAE/g). Aluminum chloride (ALC1₃) colorimetric method that was improved by Woisky and Salatino in 1988 is opplied to bring into open the total Flavonoit rate. The highest percentage of Flavonoit is found at *Rhaponticoides iconiensis* (11,12 mgKE/g) and decreasingly follared by *Rhaponticoides aytachii* (9,32 mgKE/g) and (6,70 mgKE/g) in *Rhaponticoides gokceoglui*.

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