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Comparative Analysis of Total Polyphenolic Content in Marketed Dental Powders

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Abstract : The main objective isto compare and analyze total polyphenolic content in marketed preparation of ayurvedic content in marketed preparation of ayurvedic dental powder with the help of UV spectrophotometry using Folin-Ciocalteu reagent. The method brought into play was colorimetric assay and for this purpose, a double beam spectrophotometer 1800 from Shimadzu Japan was used. The change in total polyphenolic content was expressed in gallic acid equivalent (GAE). The results designate that the method is useful analysis of polyphenolic content expressed as gallic acid equivalent and this method can be performed with ease. The UV-Vis spectrophotometric method narrated here was successfully validated.

Keywords : Polyphenolic Content, Analysis, Ayurvedic dental powder, Folin-Ciocalteu reagent, UV.

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