



# "ESTANDARIZACION DEL METODO DE CAPTURA DE RADICALES LIBRES PARA LA EVALUACION DE LA ACTIVIDAD ANTIOXIDANTE DE EXTRACTOS VEGETALES"

## [

Universidad Tecnológica de Pereira,  
2005

text (article)

Analítica

The preliminary antioxidant activity evaluation in plant extracts was made by the scavenging free radical assay with 1,1-diphenyl-2-picryl-hidrazyl DPPH radical compound. To determinate the photometric assay conditions were used plant extracts come from to Parque Regional Natural Ucumarí and la Nona; standardized GingSeng extract (obtained commercially as GINGSANA) also hidroquinone and tanic acid. The evaluation of those plant extracts and compounds, allowed stablishing the best conditions, correspond to: 517 nm (experimental wavelength), 30 minutes (reaction time with free radical) and enviromental temperature (reaction temperature); complementarily, it suggest that the free radical solutions are unesteady and must be used immedialtely

The preliminary antioxidant activity evaluation in plant extracts was made by the scavenging free radical assay with 1,1-diphenyl-2-picryl-hidrazyl DPPH radical compound. To determinate the photometric assay conditions were used plant extracts come from to Parque Regional Natural Ucumarí and la Nona; standardized GingSeng extract (obtained commercially as GINGSANA) also hidroquinone and tanic acid. The evaluation of those plant extracts and compounds, allowed stablishing the best conditions, correspond to: 517 nm (experimental wavelength), 30 minutes (reaction time with free radical) and enviromental temperature (reaction temperature); complementarily, it suggest that the free radical solutions are unesteady and must be used immedialtely

**Título:** "ESTANDARIZACION DEL METODO DE CAPTURA DE RADICALES LIBRES PARA LA EVALUACION DE LA ACTIVIDAD ANTIOXIDANTE DE EXTRACTOS VEGETALES" electronic resource]

**Editorial:** Universidad Tecnológica de Pereira 2005

**Tipo Audiovisual:** Bioprospección Radicales libres Porcentaje de captación de radicales libres 1 1-difenil-2-picril-hidrazilo (DPPH\*) Productos Naturales Bioprospection Free radical Free radical scavenging 1 1- diphenyl-2-pyrcil-hydrazil (DPPH\*) Natural Products

**Documento fuente:** Scientia et Technica, ISSN 0122-1701, Vol. 1, Nº. 27, 2005, pags. 231-234

**Nota general:** application/pdf

**Restricciones de acceso:** Open access content. Open access content star

**Condiciones de uso y reproducción:** LICENCIA DE USO: Los documentos a texto completo incluidos en Dialnet son de acceso libre y propiedad de sus autores y/o editores. Por tanto, cualquier acto de reproducción, distribución, comunicación pública y/o transformación total o parcial requiere el consentimiento expreso y escrito de aquéllos. Cualquier enlace al texto completo de estos documentos deberá hacerse a través de la URL oficial de éstos en Dialnet. Más información: <http://dialnet.unirioja.es/info/derechosOAI> | INTELLECTUAL PROPERTY RIGHTS STATEMENT: Full text documents hosted by Dialnet are protected by copyright and/or related rights. This digital object is accessible without charge, but its use is subject to the licensing conditions set by its authors or editors. Unless expressly stated otherwise in the licensing conditions, you are free to linking, browsing, printing and making a copy for your own personal purposes. All other acts of reproduction and communication to the public are subject to the licensing conditions expressed by editors and authors and require consent from them. Any link to this document should be made using its official URL in Dialnet. More info: <http://dialnet.unirioja.es/info/derechosOAI>

**Lengua:** Spanish

**Enlace a fuente de información:** Scientia et Technica, ISSN 0122-1701, Vol. 1, Nº. 27, 2005, pags. 231-234

---

## Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- [informa@baratz.es](mailto:informa@baratz.es)