



Qualitative and Quantitative Estimation of Phenol Glycosides of *Rhodiola imbricata* by RPLC-DAD

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Keywords

Rhodiola imbricata;
Phenol Glycosides;
Quantitative;
Qualitative; RPLC-
DAD.

ABSTRACT: *Rhodiola imbricata* Edgew. (Golden root, Arctic root or Shrolo) is a herbaceous perennial plant of the Crassulaceae family and is normally distributed in Jammu and Kashmir, Kumaon and Nepal region at an altitude of 9000-18400 ft. *Rhodiola* species is well known for its adaptogenic, anti-stress, immunomodulatory, radioprotective, cytoprotective and antioxidant properties which could be ascribed to high content of phenols and alkaloids present in its roots and rhizome. Thus, the present study aims at qualitative and quantitative estimation of phenol glycosides (Salidroside and Rosavin) in roots and rhizome extract of *Rhodiola imbricata* from trans-Himalayan Ladakh region by RPLC-DAD. © 2016 iGlobal Research and Publishing Foundation. All rights reserved.

Conference Proceedings: International Conference on Advances in Plant and Microbial Biotechnology (PMB-2017); IIIT, Noida: February 02-04, 2017

Indo Global Journal of Pharmaceutical Sciences(ISSN 2249 1023 ; CODEN- IGJPAI; NLM ID: 101610675) indexed and abstracted in EMBASE(Elsevier), SCIRUS(Elsevier),CABI, CAB Abstracts, Chemical Abstract Services(CAS), American Chemical Society(ACS), Index Copernicus, EBSCO, DOAJ, Google Scholar and many more. For further details, visit <http://iglobaljournal.com>