

(54) Title of the invention : ANNONA RETICULATA AND OCIMUM BASILICUM EXTRACT AND THEIR COMBINATION USEFUL FOR TREATMENT OF ATHEROSCLEROSIS

<p>(51) International classification :A61K 361850, A61K 362580, A61K 365300, A61P 091000, C10L 100200</p> <p>(86) International Application No :PCT//</p> <p>Filing Date :01/01/1900</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA</p> <p>Filing Date :NA</p> <p>(62) Divisional to Application Number :NA</p> <p>Filing Date :NA</p>	<p>(71)Name of Applicant :</p> <p>1)M. Ramayyappa Address of Applicant :Associate Professor, Department of pharmaceutical analysis and Q.A., Shri Vishnu College of Pharmacy, Vishnupur, Bhimavaram-534202, Andhra Pradesh, India Bhimavaram ----</p> <p>2)Dr. KNV Chenchu Lakshmi</p> <p>3)G. Premi</p> <p>4)Dr. G. Raveendra Babu</p> <p>5)Dr. Mohan Gandhi Bonthu</p> <p>6)Ms. Alluri Pavani Gayatri</p> <p>Name of Applicant : NA</p> <p>Address of Applicant : NA</p> <p>(72)Name of Inventor :</p> <p>1)M. Ramayyappa Address of Applicant :Associate Professor, Department of pharmaceutical analysis and Q.A., Shri Vishnu College of Pharmacy, Vishnupur, Bhimavaram-534202, Andhra Pradesh, India Bhimavaram -----</p> <p>2)Dr. KNV Chenchu Lakshmi Address of Applicant :Assistant professor, KVSRR Siddhartha College of Pharmaceutical Sciences, Vijayawada-520008, Andhra Pradesh, India Vijayawada -----</p> <p>3)G. Premi Address of Applicant :Assistant Professor, Department of Pharmacology, Shri Vishnu College of Pharmacy, Vishnupur, Bhimavaram-534202, Andhra Pradesh, India Bhimavaram -----</p> <p>4)Dr. G. Raveendra Babu Address of Applicant :Associate Professor, Department of Pharmaceutical Analysis, QIS College of Pharmacy, Ongole-523272, Andhra Pradesh, India Ongole -----</p> <p>5)Dr. Mohan Gandhi Bonthu Address of Applicant :Associate Professor, V V Institute of Pharmaceutical Sciences, Gudlavalleru, Krishna District 521356, Andhra Pradesh, India Gudlavalleru -----</p> <p>6)Ms. Alluri Pavani Gayatri Address of Applicant :Assistant Professor, V V Institute of Pharmaceutical Sciences, Gudlavalleru, Krishna District 521356, Andhra Pradesh, India Gudlavalleru -----</p>
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(57) Abstract :

ABSTRACT ANNONA RETICULATA AND OCIMUM BASILICUM EXTRACT AND THEIR COMBINATION USEFUL FOR TREATMENT OF ATHEROSCLEROSIS The present invention provides an Annona reticulata extract, an Ocimum basilicum extract and combination thereof for treatment of atherosclerosis. The process for the preparation of combination extract of Annona reticulata and Ocimum basilicum comprising of, collecting, washing and shade drying the leaves of Annona reticulata and Ocimum basilicum separately for 10 days; powdering the separated leaves in a grinder; weighing the dried powdered material and extracting by Soxhlet apparatus at a speed of 3cycles/hours for 16 hours; recovering the solvent by simple distillation; storing carefully the crude drug obtained and storing carefully at room temperature. The process for the preparation of combination of Annona reticulata and Ocimum basilicum extract, comprising of mixing Annona reticulata extract and Ocimum basilicum extract, adding carboxymethyl cellulose as vehicle to combined extracts. The combination of the present invention has potential usefulness as anti-atherosclerosis agent.

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