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(54) Title of the invention : ANTIPYRETIC AND ANTIOXIDANT HERBAL TABLETS COMPOSED OF NIGELLA SATIVA AND CINNAMOMUM TAMALA

<p>(51) International classification :A61K0036540000, A61K0036710000, A61K0031167000, A61K0009160000, A61K0009200000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : <b>1)Dr. Sukirti Upadhyay</b> Address of Applicant :Associate Professor, School of Pharmaceutical Sciences, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 Moradabad ----- <b>2)Ms. Sunita Ratnam</b> <b>3)Dr. Prashant Upadhyay</b> Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : <b>1)Dr. Sukirti Upadhyay</b> Address of Applicant :Associate Professor, School of Pharmaceutical Sciences, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 Moradabad ----- <b>2)Ms. Sunita Ratnam</b> Address of Applicant :M.Pharm., School of Pharmaceutical Sciences, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 Moradabad ----- <b>3)Dr. Prashant Upadhyay</b> Address of Applicant :Professor, School of Pharmaceutical Sciences, IFTM University, Moradabad, Uttar Pradesh, Pin Code: 244102 Moradabad -----</p>
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(57) Abstract :

Herbal tablets composed of ethanolic extract of seeds of Nigella sativa and ethanolic extract of fresh leaves of Cinnamomum tamala were formulated and evaluated for in vitro DPPH assay for antioxidant potential and in vivo animal study for antipyretic potential in yeast induced pyrexia. It was found that it combination formulations showed antipyretic effect compared to standard drug Paracetamol. Formulation F1 which contains equal ratio of both extracts found to be best formulation. It shows antioxidant potential and was active against antimicrobial activity against S.aureous which causes upper respiratory infections. Tablet fail to show cytotoxic effects, so it is consider as safe herbal alternative for pyrexia. The mechanism for pyrexia may be antioxidant or antimicrobial effect.

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