

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202241063117 A

(19) INDIA

(22) Date of filing of Application :04/11/2022

(43) Publication Date : 10/05/2024

(54) Title of the invention : NUTRACEUTICAL COMPOSITION EXHIBITING HYPOGLYCEMIC AND ANTI-HYPERLIPIDEMIC ACTIVITY AND METHOD OF PREPARATION THEREOF

(51) International classification	:A61K0036710000, A61K0036480000, A61P0003060000, A61P0035000000, A61K0036230000	(71)Name of Applicant : <b>1)JSS College of Pharmacy, Ooty - JSS Academy of Higher Education And Research, Mysuru</b> Address of Applicant : "Rocklands" Post Box No.20 Udhagamandalam, Tamil Nadu, India – 643001 Ooty Tamil Nadu India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	<b>1)Dr. P.R. Anand Vijaya Kumar</b>
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to nutraceutical composition comprising Trigonella foenum graecum, Cuminum cyminum, Nigella sativa as its major components in the ration of 4:1:1 respectively. The said composition is suspended in 0.5% CMC. The composition acts as a potential hypoglycaemic and hypolipidemic formula at a lower optimal dosage of 200mg/kg and higher optimal dosage of 400 mg/kg. The method of preparation includes adding Fenugreek, cumin, black cumin in the proportion of 4:1:1 where the crude seeds of these supplements were powdered using grinding process. The drug solution was prepared by dissolving the 500mg of Carboxy methyl cellulose (CMC) in 100ml is 0.5 % with occasional stirring. The said nutraceutical composition is exhibits 20% of hypoglycaemic activity and 15% of hyperlipidaemic activity.

No. of Pages : 30 No. of Claims : 6