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Patent Search

Invention Title	A NOVEL CASEIN PHOSPHOPEPTIDE AMORPHOUS CALCIUM PHOSPHATE (CPP-ACP) AND STEVIA REBAUDIANA SELF NANOEMULSIFYING DRUG DELIVERY SYSTEM (SNEDDS) BASED ORAL CARE GEL FORMULATION
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Abstract:

ABSTRACT A NOVEL CASEIN PHOSPHOPEPTIDE AMORPHOUS CALCIUM PHOSPHATE (CPP-ACP) and STEVIA REBAUDIANA SELF NANOEMULSIFYING DRUG DELIVERY SYSTEM (SNEDDS) BASED ORAL CARE GEL FORMULATION The present invention describes a development of novel Casein Phosphopeptide Amorphous Calcium Phosphate (CPP-ACP) and Stevia Rebaudiana Self-Nanoemulsifying Drug Delivery System (SNEDDS) based oral care gel formulation in arresting early childhood dental caries. The present invention provides a unique novel formulation of Casein phosphopeptide -amorphous calcium phosphate with natural stevia, tea tree oil, clove oil, and biosurfactants has been proposed to be formulated. As CPP-ACP is a calcium-based phosphate system that aids enamel remineralization through novel apatite formation and provides essential ions like phosphate and calcium to children also. Stevia rebaudiana (Bertoni), one of the 407 species of the genus Stevia and one of the only two whose leaves contain a sweetening substance, has been used by native people as a sweetener and for medicinal purposes. Dated this 18th day of August 2023 AMITY UNIVERSITY Name of Applicant Signature: Name: R. Adm. R.C. Kochhar (Retd.)

Complete Specification

DESC:FORM 2
THE PATENTS ACT, 1970
(39 of 1970)
&
The Patent Rules, 2003

COMPLETE SPECIFICATION
(See section 10 and rule 13)

TITLE OF THE INVENTION
"A NOVEL CASEIN PHOSPHOPEPTIDE AMORPHOUS CALCIUM PHOSPHATE (CPP-ACP) and STEVIA REBAUDIANA SELF NANOEMULSIFYING DRUG DELIVERY SYSTEM (SNEDDS) BASED ORAL CARE GEL FORMULATION"

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