INTELLECTUAL PROPERTY INDIA
PATENTS | DESIGNS | TRADE MARKS
GEOGRAPHICAL INDICATIONS

सत्यमेव जयते

क्रमांक : 033104276
SL No :

भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

पेटेंट प्रमाणपत्र
PATENT CERTIFICATE

(Rule 74 Of The Patents Rules)

पेटेंट सं. / Patent No.	:	299482
आवेदन सं. / Application No.	:	1035/KOL/2011
फाइल करने की तारीख / Date of Filing	:	05/08/2011
पेटेंटी / Patentee	:	INDIAN COUNCIL OF AGRICULTURAL RESEARCH (RC FOR NEH REGION)

प्रमाणित किया जाता है कि पेटेंटी को उपरोक्त आवेदन में यथाप्रकटित METHOD FOR PRODUCING AN EFFECTIVE VACCINE AGAINST SALMONELLOSIS USING GAMMA RADIATION नामक आविष्कार के लिए, पेटेंट अधिनियम, १९७० के उपबंधों के अनुसार आज तारीख 5th day of August 2011 से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled METHOD FOR PRODUCING AN EFFECTIVE VACCINE AGAINST SALMONELLOSIS USING GAMMA RADIATION as disclosed in the above mentioned application for the term of 20 years from the 5th day of August 2011 in accordance with the provisions of the Patents Act,1970.

THE PATENT OFFICE GOVT.OF INDIA

अनुदान की तारीख : 31/07/2018
Date of Grant :

पेटेंट नियंत्रक
Controller of Patent

टिप्पणी - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, 5th day of August 2013को और उसके पश्चात प्रत्येक वर्ष में उसी दिन देय होगी।
Note. - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 5th day of August 2013 and on the same day in every year thereafter.

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inPASS Indian Patent Advanced Search System (http://ipindia.nic.in/index.htm)

INTELLECTUAL PROPERTY INDIA

Patent Search

Invention Title	METHOD FOR PRODUCING AN EFFECTIVE VACCINE AGAINST SALMONELLOSIS USING GAMMA RADIATION
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Abstract:

The present invention is related to a method of producing an effective vaccine against salmonellosis using gamma radiation as a means of toxin inactivation to convert the Sal[illegible] toxoid to be used as vaccine. The toxic moiety of the toxin was found to be totally inactivated in rabbit ligated ileal loop test (RLIL) and Chinese hamster ovary (CHO) cell as[illegible] toxoid was found to be intact as it could raise antibodies in rabbits, which were detected, by agar gel precipitation test (AGPT) and Dot- enzyme-linked immunosorbent assay[illegible] prepared from the irradiated toxoid (100µg of protein per ml) administered to poultry bird at an age of 3 week and a booster dose at 5 weeks could afford 100% protection o[illegible] homologous and heterologous serovars. Moreover the antibody titre monitored till 10th week after primary vaccination showed a substantial rise in the antibody titre, which [illegible] post primary vaccination.