

**GOVERNMENT OF INDIA  
MINISTRY OF AYURVEDA, YOGA & NATUROPATHY,  
UNANI, SIDDHA AND HOMOEOPATHY  
(AYUSH)**

**LOK SABHA  
UNSTARRED QUESTION NO.1778  
TO BE ANSWERED ON 25<sup>TH</sup> NOVEMBER, 2016**

**COW URINE**

**1778. SHRI HARIOM SINGH RATHORE:**

Will the Minister of **AYURVEDA, YOGA AND NATUROPATHY, UNANI, SIDDHA AND HOMOEOPATHY (AYUSH)** be pleased to state:

- (a) whether the Government has taken note that the products and medicines derived from cow urine and dung are good for health, if so, the details thereof;
- (b) whether the Government has undertaken any study/research about the benefits of medicines made from cow urine in chronic/incurable diseases, if so, the details and findings in this regard;
- (c) whether the Government has taken any steps to create a market of products/ medicines derived from cow urine/dung, if so, the details thereof and if not the reasons therefor;
- (d) the details of cow shelter houses/ other agencies engage for the said purpose; and
- (e) whether the Government is proposing any certification and standardization of such cow products for safe consumption/use by the common people and if so, the details thereof?

**ANSWER**

**THE MINISTER OF STATE (IC) OF THE MINISTRY OF AYURVEDA,  
YOGA & NATUROPATHY, UNANI, SIDDHA AND HOMOEOPATHY  
(SHRI SHRIPAD YESSO NAIK)**

- (a): Yes. Panchagavya is a classic collective name of five products obtained from cow viz milk, curd, ghee, urine and dung. Cow urine is ingredient of several Ayurvedic formulations and also used as adjuvant with medicinal formulations and for pharmaceutical processing called Shodhana (Purification) and Bhavana (Trituration) of medicinal materials.
- (b): Council of Scientific and Industrial Research (CSIR) through its constituent laboratories has conducted research studies in collaboration with Go Vigyan Anusandhan Kendra, Nagpur on cow urine distillate for its antioxidant and bio-enhancing properties on anti-infective and anti-cancer agents and nutrients. Four US Patents have been secured since 2002 and one pharmaceutical product containing cow urine distillate with anti-oxidant property is available in the market.

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Panchagavya and its ingredients are part of the course curricula of Ayurvedic studies at degree and post-graduation levels. Opportunities of postgraduate and postdoctoral research as well as extramural research on Panchagavya are available to the interested scholars and scientists.

(c) to (e): Medicines made from Cow's products falling within the purview of Section 3(a) and Section (h) of drugs and Cosmetic Act, 1940 are regulated as in the case of Ayurvedic, Siddha and Unani medicines. The licensing and quality control provisions for such medicines are prescribed in the Drugs and Cosmetic Rules, 1945 and the standards are given in the Pharmacopeia. Details of cow shelter houses and other agencies engaged in the activities related to cow's products are not maintained by the Ministry of AYUSH since the enforcement of the relevant legal provisions is done by the state authorities.

The Ministry of AYUSH in the Central Government administers the provisions of Drugs & Cosmetics Act, 1940 and Rules there under pertaining to Ayurveda, Siddha and Unani Medicines. It is mandatory for the manufacturers to comply with the Good Manufacturing Practices and quality standards of drugs. Quality certification schemes for such products have been implemented by the Central Drug Standards Control Organization as per the WHO guidelines and by the Quality Council Of India to grant AYUSH standard and AYUSH premium mark to the products.

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