

**International Journal of Current  
Microbiology and Applied Sciences  
(IJCMAS) NAAS RATING-5.38, ICV-95.39**  
ISSN: 2319-7692 (Print) ISSN 2319-7706 (Online)

An International, Monthly, Online, Free Access, Peer Reviewed,  
Indexed, fast track Scientific Research Journal

**Certificate of Publication**

This is to certify that the following article reviewed by editorial board and published in International Journal of Current Microbiology and Applied Sciences (IJCMAS) ISSN: 2319-7692 (Print) ISSN 2319-7706 (Online).

Int.J.Curr.Microbiol.App.Sci.2018.7.(4):3835-3840

<https://doi.org/10.20546/ijcmas.2018.704.431>

Assessment of Age Effect on Serum Metabolite and Mineral Profile of Crossbred Calves

Milap G. Sedhiya<sup>1</sup>, M.M. Pathan<sup>1\*</sup>, A.M. Pande<sup>1</sup>, S.P. Madhira<sup>1</sup>, Y.G. Patel<sup>2</sup> and S.D. Rathwa<sup>3</sup>

<sup>1</sup>Department of Veterinary Physiology and Biochemistry, College of Veterinary Sci. & A. H., AAU, Anand, Gujarat, India

<sup>2</sup>Livestock Research Station, AAU, Anand, Gujarat, India

<sup>3</sup>Department of Veterinary Physiology and Biochemistry, College of Veterinary Sci. & A. H., NAU, Navsari, Gujarat, India



*Dr. M. Prakash*  
*Editor-in-chief*

*International Journal of Current Microbiology and Applied Sciences*

[www.ijcmas.com](http://www.ijcmas.com)

[www.excellentpublishers.com](http://www.excellentpublishers.com)



© International Journal of Current Microbiology and Applied  
Sciences (IJCMAS)

[www.excellentpublishers.com](http://www.excellentpublishers.com) [www.ijcmas.com](http://www.ijcmas.com)