



Review Article

Cleaning validation for the pharmaceuticals, biopharmaceuticals, cosmetic and nutraceuticals industries**Babita Lodhi*¹, Poonam Padamwar¹, Arif Patel¹**¹Department of Quality Assurance, Bhagwan College of Pharmacy, Aurangabad. 431001.**Abstract**

Cleaning and cleaning validation are two activities that have the largest opportunity to prevent patient risk by assuring that no cross-contamination can occur. Ineffective cleaning can lead to adulterated product, which may be from previous product batches, cleaning agent or other extraneous material introduced into generated by the process. Cleaning validation is becoming more and more important as we deals with potent, complicated drug substances and complex biotechnology products. This article will over all the element of cleaning validation.

Keywords: Validation, Cleaning Validation, Pharmaceuticals

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