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In pharmacology, bioavailability (BA or F) is a subcategory of absorption and is the fraction of an administered dose of unchanged drug that reaches the systemic circulation, one of the principal pharmacokinetic properties of drugs. Moxidectin is an anthelmintic drug used in animals to prevent or control parasitic worms, such as heartworm and intestinal worms, in dogs, cats, horses, cattle and sheep. This review describes an epigrammatic impression of the recent trends in analytical perspectives of degradation and impurities profiling of pharmaceuticals including active pharmaceutical ingredient (API) as well as drug products during 2008–2012. Dimensional analysis and application of the Buckingham theorem indicates that there are 4 dimensionless quantities that adequately describe the process:  $Ne$ ,  $Re$ ,  $Fr$ , and  $h/d$  (the latter corresponds to Leuenberger's dimensionless group  $p_2$ ).