



When Glass meets Pharma: Insights about glass as primary packaging material (ecvINSIGHTS!)

Dr. Bettine Boltres

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Demands on a primary packaging material are not easy to meet these days. Increasingly, intense optical inspection, zero defect programs, and higher regulatory specifications require that drug packaging materials can no longer be taken for granted. Bringing us to the material "glass": What is glass anyway? How does it react with my drugs? Can I freeze it? Why is it breaking? Why is my drug being adsorbed to it? Why is this over 100-year-old borosilicate glass still the gold standard? If you have asked yourself these or other glass-related questions, this book is the right choice for you. It will guide you through the world of glass in a comprehensible and pharma-focused manner. Furthermore, this guide will keep you well-covered with the fundamentals on your first voyage into the world of glass.

Die Anforderungen an Primaerpackmaterialien sind heutzutage nicht leicht zu erfuehlen. Intensive optische Pruefungen, Null-Fehler-Programme und strengere Behoerdenanforderungen haben dazu gefuehrt, dass Hersteller ein erhoehetes Augenmerk auf Packmittel fuer Medikamente richten muessen. Nehmen wir zum Beispiel den Werkstoff Glas: Was ist Glas ueberhaupt? Wie reagiert es mit meinen Arzneimitteln? Kann ich es einfrieren? Warum geht es kaputt? Warum lagert sich mein Medikament auf der Glasoberflaeche an? Warum ist Borosilikat-Glas, das es schon seit ueber 100 Jahren gibt, immer noch der Goldstandard? Wenn Sie sich diese oder andere Fragen rund um Glas schon einmal gestellt haben, ist dieses Buch das richtige fuer Sie. Es wird Sie umfassend und aus dem pharmazeutischen Blickwinkel durch die Welt des Glases fuehren. Gleichzeitig wird dieses Handbuch Sie auf Ihrer ersten Reise in die Welt des Glases sicher geleiten und Ihnen alle Grundbegriffe erlaeuern.

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