

## When Risk is Not an Option: A Look at FDA 483's

Risk management involves both the assessment and minimization of risk. As pharmaceutical manufacturers continue to develop new technologies and processes become more complex, it's critical to understand the most common regulatory data to assess and manage these risks. Below are some interesting findings based on FDA 483 data from FDA from their FY 2006 through 2019, which highlight two key areas, cleaning and microbial control.

1,440 FDA 483's ISSUED

for violations of 21 CFR 211.113, control of microbial contamination<sup>1</sup>

2,666 21 CFR 211.67

412 21 CFR 211.182

483's issued for equipment cleaning and maintenance, and use log1

140/o of all 483's

include the words "cleaning" or "microbial control"

30%

of the United States from 2009 to 2019<sup>2</sup>

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References:

https://https://www.fda.gov/inspections-compliance-enforcement-and-criminal-investigations/inspection-references/inspection-observations

2https://www.fda.gov/inspections-compliance-enforcement-and-criminal-investigations/inspection-references/inspection-citation