aizon unify

Root Cause Analysis

Improving manufacturing efficiency and outcomes is dependent on answering the most basic, but often most difficult question: Why did this deviation, issue, or stop occur? For Life Sciences manufacturers, answering this question can be complicated due to the interdependencies of processes and systems and a lack of aggregated and well-aligned data.
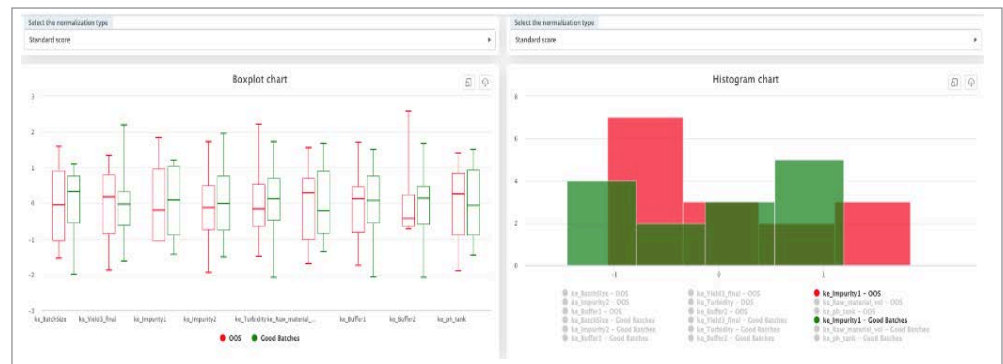
Aizon's Root Cause Analysis solution cuts down the time to investigate deviations and uncover the true root cause of an issue. It's built on a platform designed to unify and contextualize data, and enables manufacturers to gain process visibility and knowledge by aggregating historical data and applying advanced analytics. Aizon's Root Cause Analysis solution monitors critical parameters across several unit operations and multiple data sources to enable a more holistic understanding of how processes are running and what is causing variations at any point in time.

Identify relevant parameters and significant correlations to understand impact on batch performance and quality results.

Key Features and Benefits
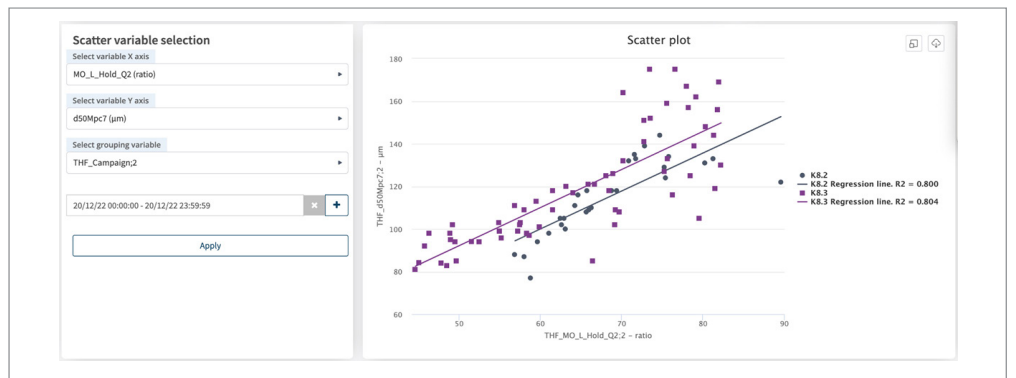
Discover the best combination of parameters to be used for real time monitoring, multivariate analysis, and drive faster responses to non-conformance events

Understand the root cause of process deviations as soon as the batch is produced, reducing investigation effort, and enabling mitigation strategy for following batches

With connected data and advanced analytics, they can monitor critical process parameters across multiple unit operations and data sources, giving them a holistic understanding of the processes. In turn, they can easily and confidently deliver information to regulators and auditors with confidence that data and analysis is coming from a trustworthy, GxP compliant source. With Aizon's Root Cause Analysis Life Sciences Manufacturers can perform faster investigations, ultimately helping them decrease operational costs and risks.

Aizon's Platform

Aizon's solutions enable life sciences manufacturers to improve decision making and outcomes by aggregating data and deploying compliant AI across the manufacturing ecosystem.

GxP Compliance

The platform allows you to maintain full GxP compliance via robust security features and data validation processes that are specifically designed to adhere to dynamic pharmaceutical regulatory requirements. Aizon complies with industry standards to provide GxP compliance you can trust:

→ Quality: ISO 9001

→ Information Security: ISO 27001

→ Cloud Security: ISO 27017

→ All data collection performed in accordance with ALCOA+ principles

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