

Transformation and visualisation of high quantities of analytical data made easy



The challenge

High throughput process development to optimise a chiral synthetic step requires enantiomeric purity, achiral assay and related substances data from two different chromatographic systems.

This leads to the following bottlenecks:

- Sample processing using analytical software can take a long time with impure samples
- Data transformation
- Collation of separate data sets
- Generation of custom reports



Hows

CatSci's analytical team employed Knime, a data analytics open source software to automate the transformation, visualisation and reporting of analytical data retrieved from the high throughput process development of a chiral synthetic step.

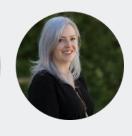


The achievement

A Knime workflow was quickly designed and optimised to address the data manipulation and processing to remove the bottleneck in the workflow. The results were automatically exported to excel for the customer to use.







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