

# DEEPAK CYBIT PVT. LTD.



We Help You Transform Organisations to be data-amicable- Create, structure, analyse and take advantage of your data.

## About Us

- Part of the “DEEPAK GROUP”
- Software Development (Web/App/Enterprise)  
Company established in 2016

- UI/UX Design and Prototyping to the actual development, Quality assurance, Post-project Maintenance and Support.
- Ready to use Industry & Department specific customizable solutions

## Meet our Clients



# Software Products



**Occusafe**  
EHS Management Solution

**Athena**  
R&D Management Suite

**DigiContra**  
Contract Management Suite

**Samplify LIMS**  
Sample Tracking for QA / QC dept.  
(Laboratory Info Management System)

**Empower**  
Enterprise Knowledge Management Portal

**My-Digi-Punch**  
QR Based Attendance Solution

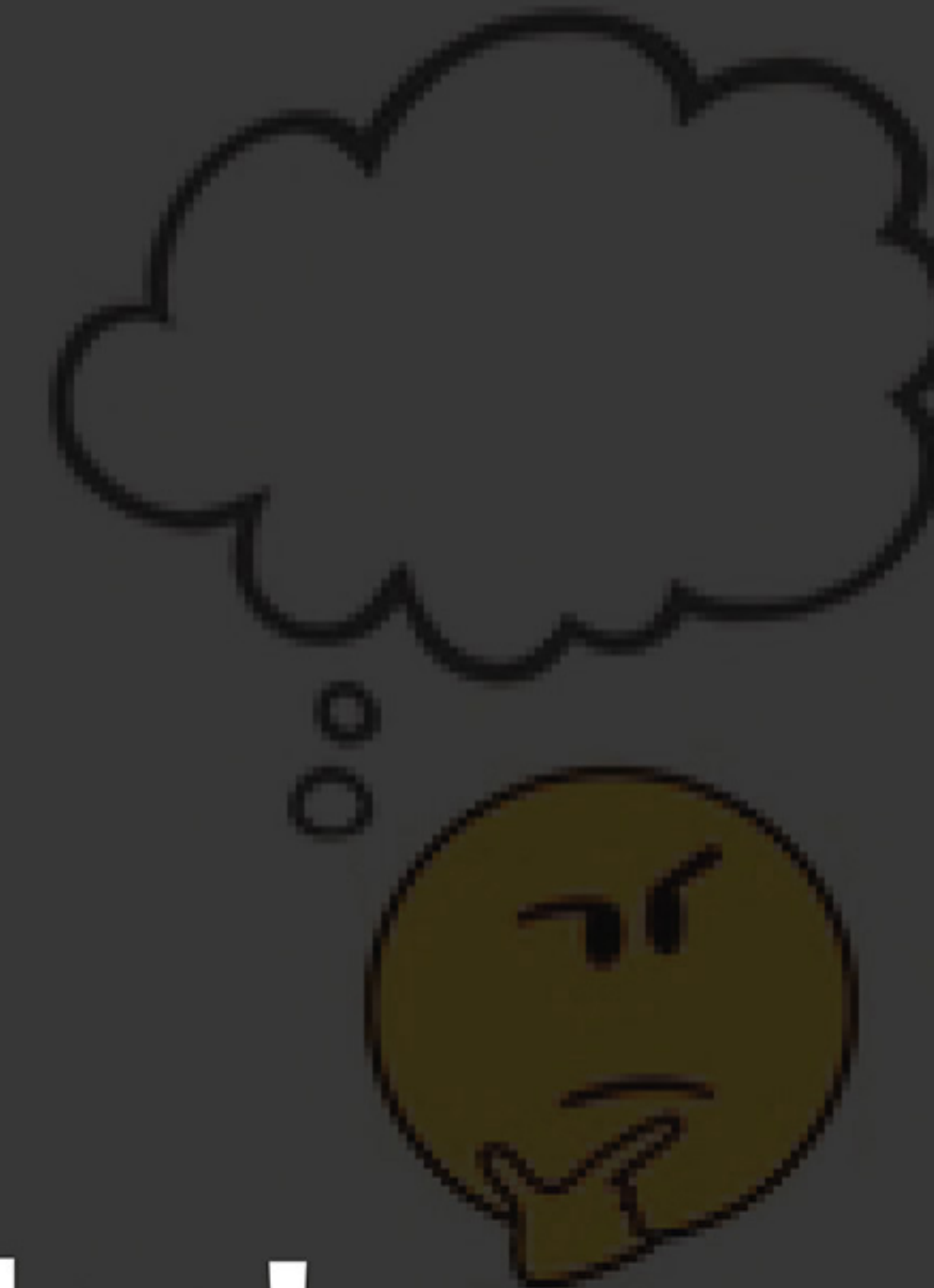
**HR-PMS**  
HR - Performance Management System



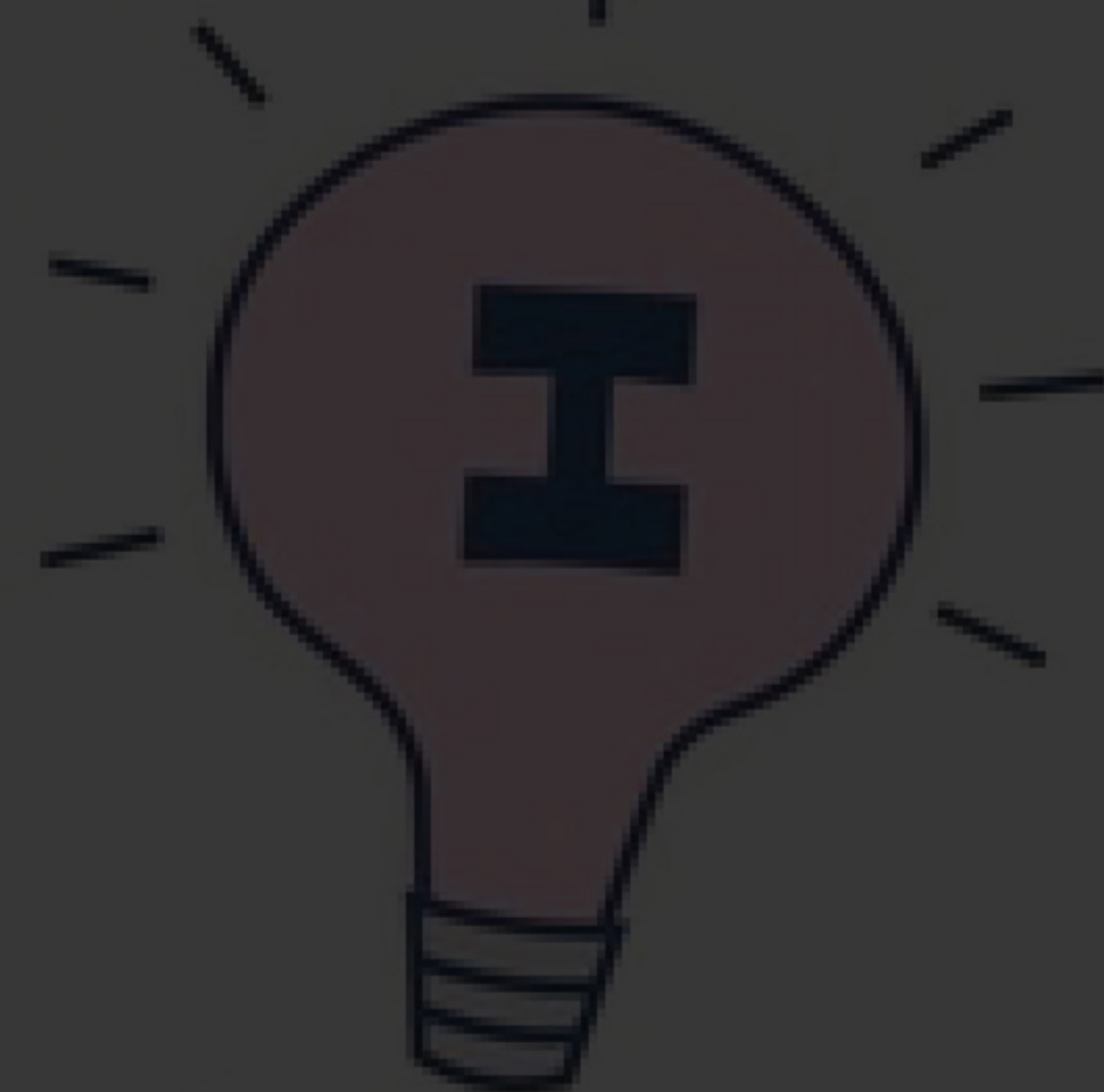
Text **Evidence**

# Sam**P**lify

Amplify your learnings from Samples!



Background **Knowledge**



**Inference**



*I cannot teach anybody  
anything!*

*I can only make them think.*



# The problem

## Problem

Digitization is great, but what benefits do I get from digitizing my QC lab ?

## Challenge

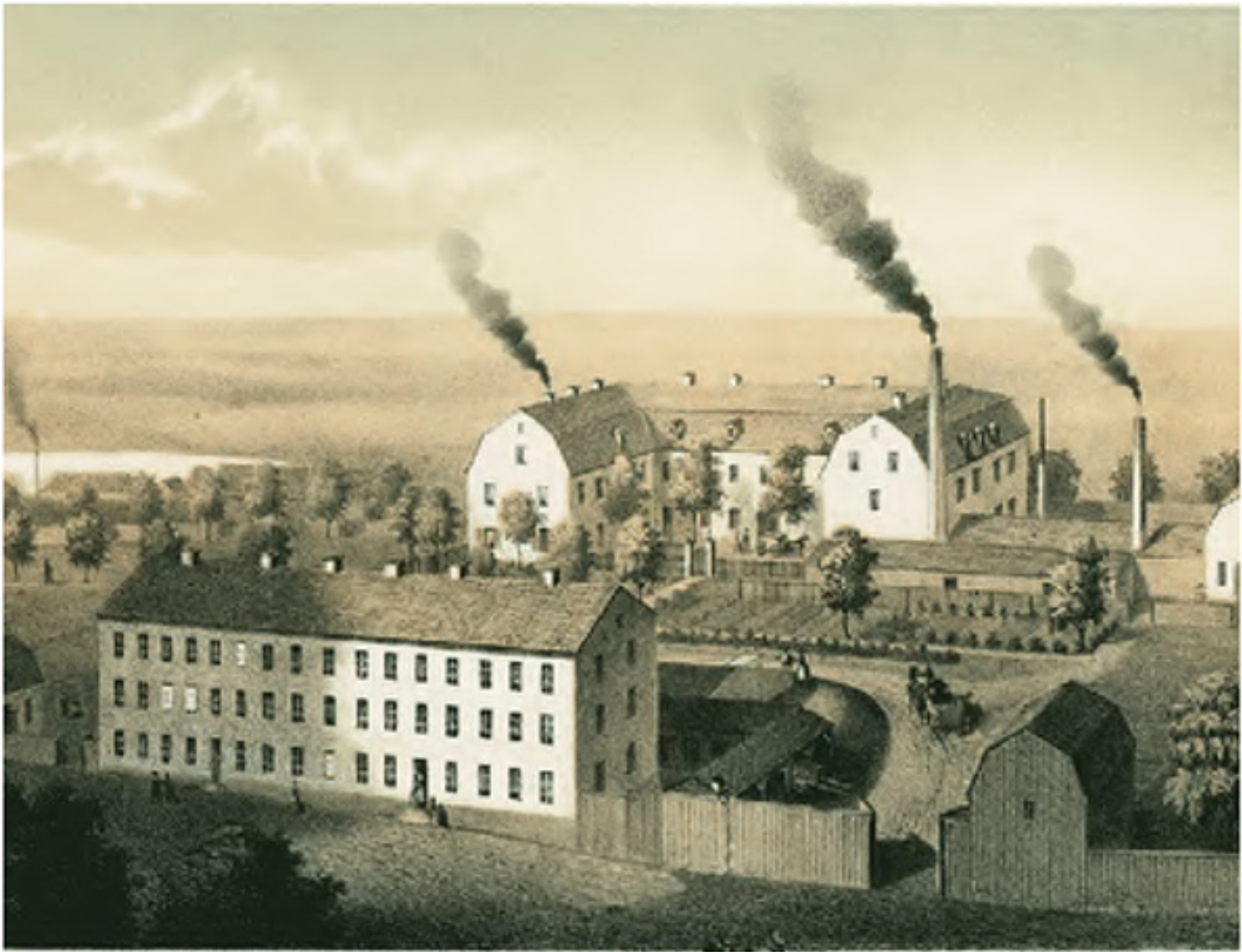
How to use the abundant data generated  
? Plethora of Data Analytics tools but  
**Garbage In Garbage Out**

## Negatives

Right analytics on good data gives insight, but right analytics on bad data gives nightmares!

# The solution

**SamPlify:** Its a simple to use LIMS\* which not only digitizes the sample management but provides data insights using which business decisions can be taken and also tracked!



**Plant Performance**



**Vendor Performance**



**Process Performance**



**People Performance**

# Provide **context** to **analytics** based on **reliable data**

SamPlify, using Lab data provides you insights on the plant performance, vendor performance , process performance and people performance



# Plant Performance

Understand your plant performance using the Obvious and conventional construct

- Analyse trends of critical parameters
- Maintain planned vs actual campaign objectives
- Track and Manage changes in plant to ensure optimal plant performance

# Vendor Performance

How do we ensure that the raw material is consistent ?

- Naturally compare vendor COA with company standards
- Identify the loss / changes in material during delivery
- Link inconsistencies in raw material quality and impact on finished goods





# Process Performance

Analyse the processes and steps where there is scope of improvement

- Analyse in which process steps, how much time and money is lost
- Identify infrastructural needs
- Identify areas where your processes can be optimized

# People Performance

Identify areas of improvement which will help your team perform better

- Identify the time lost due to man movement
- Identify the productivity score of all team members and encourage them to better it
- Link TATs with performance metric of the individual
- Instill a sense of ownership of data

# Include your main benefit here.

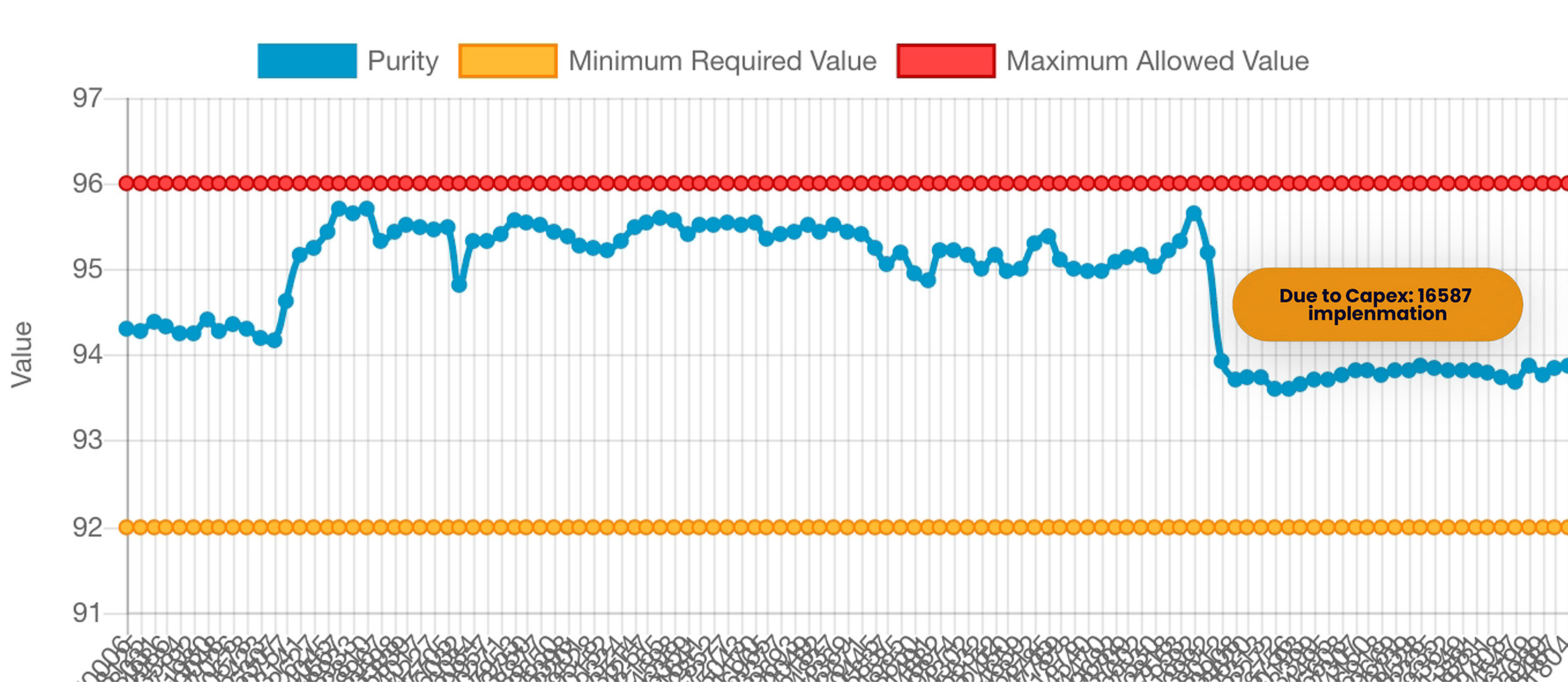


The screenshot shows a web application interface for 'DEEPAK PHENOLICS'. The top navigation bar includes the company logo, a user profile for 'Hi, Mit patel', and a 'Create Sample' button. The main content area is titled 'Samples Dashboard' and features a grid of seven data cards. The cards are arranged as follows: a top row with 'DM' (5473), 'Tank Farm' (3093), 'ETP' (2884), and 'QAQC' (508); a middle row with 'Boiler' (2433), 'IPA' (2435), 'Cumene' (2400), and 'Phenol' (12971); and a bottom row with 'Boiler 2' (0). A 'Plant Wise Summary' button is located below the grid. On the left, a navigation menu lists various actions and plant categories. An orange callout box on the right highlights the 'Easy to use CTA'.

Category	Value
DM	5473
Tank Farm	3093
ETP	2884
QAQC	508
Boiler	2433
IPA	2435
Cumene	2400
Phenol	12971
Boiler 2	0

# Trend Analysis

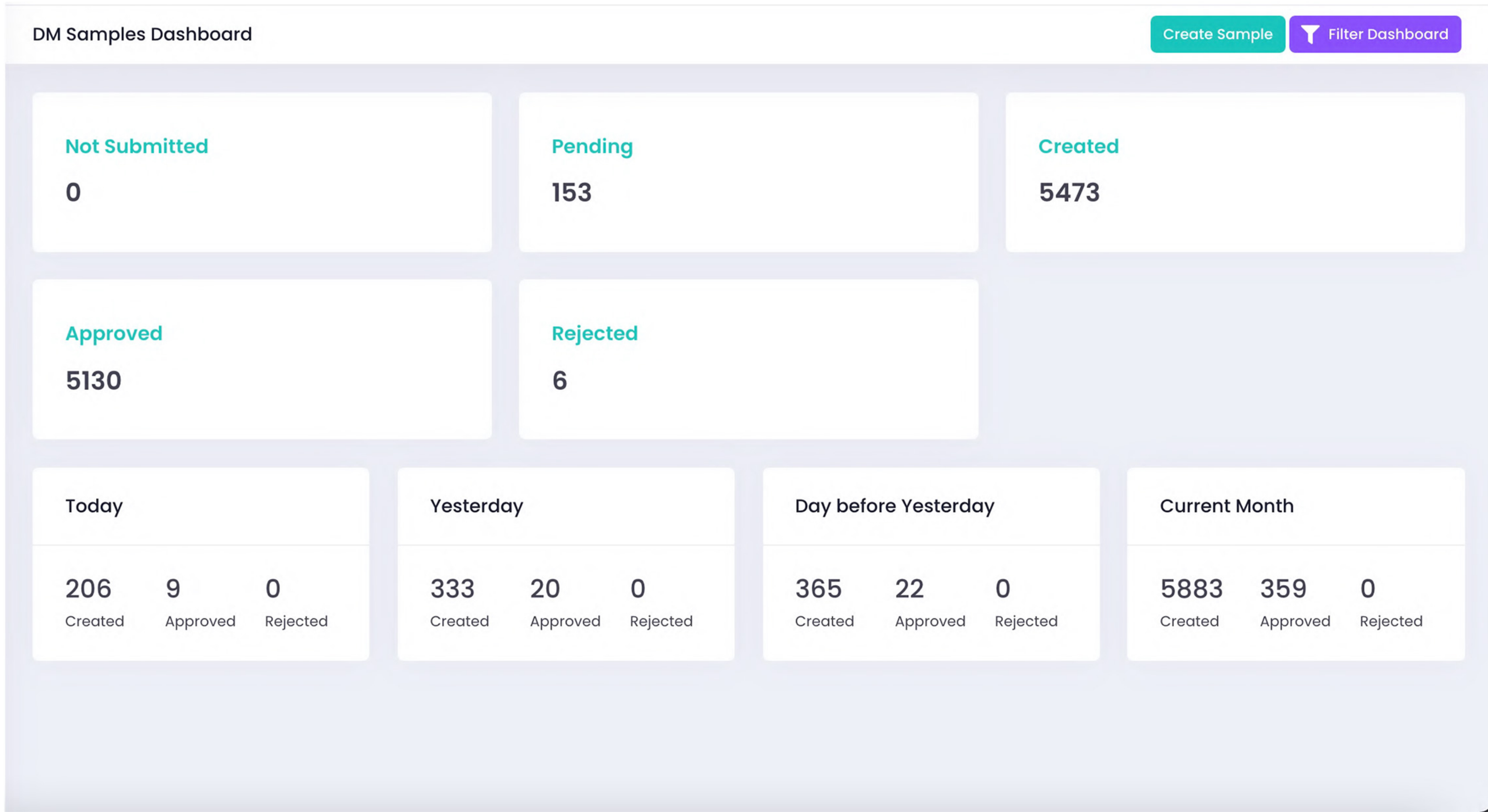
See changes in a parameter over a period of time and link it to changes done in the plant!



# Plant wise Dashboard



See plant wise dashboard to view the status of all samples and workload of the QA/QC LAB








# Item wise analysis

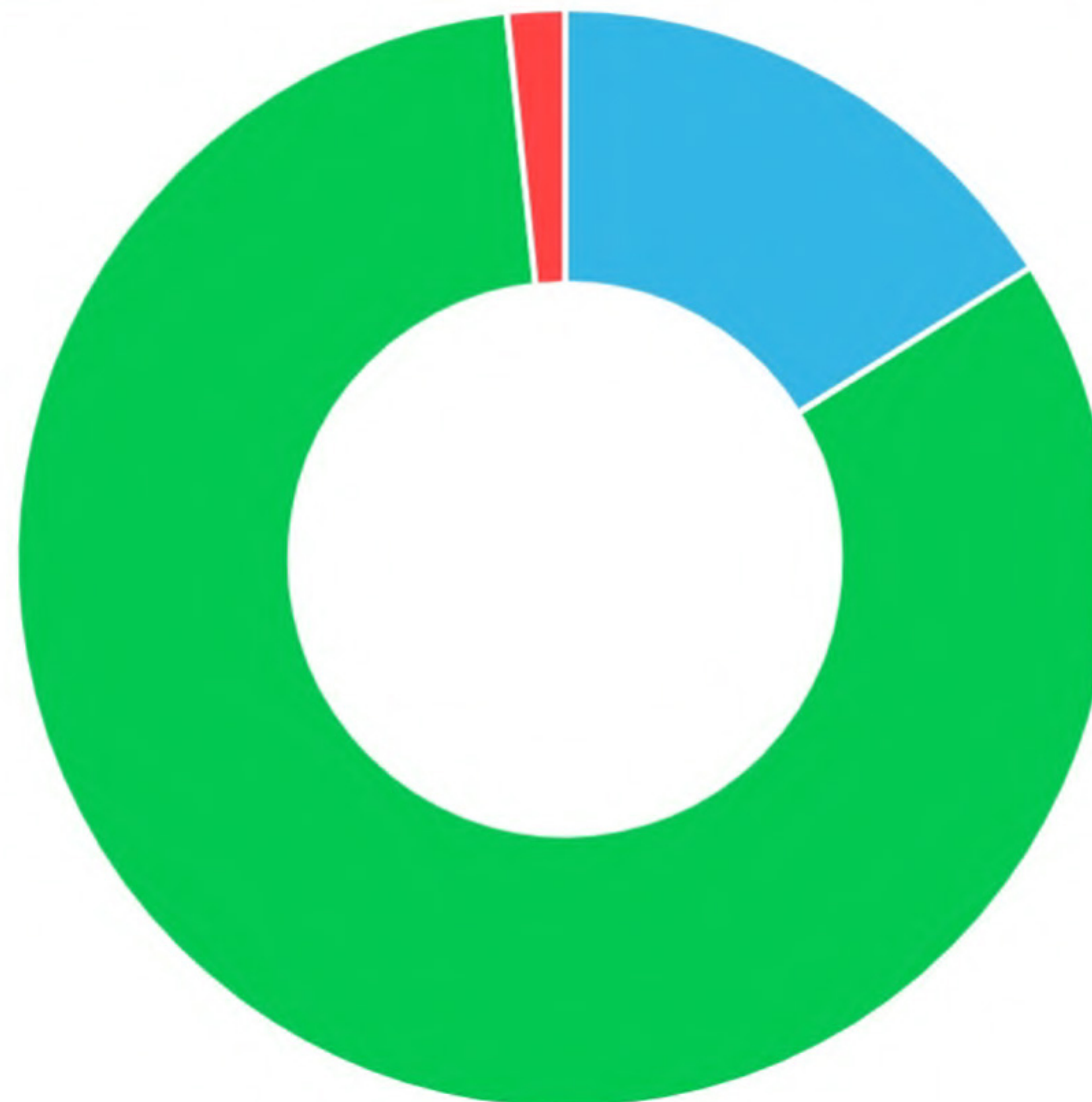


See historically, how many raw materials have been rejected

Samples' State

 Save as Image

 WIP : 19  ACCEPTED : 97  ACCEPTED WITH DEVIATION : 0  REJECTED : 2



# Process Tracking

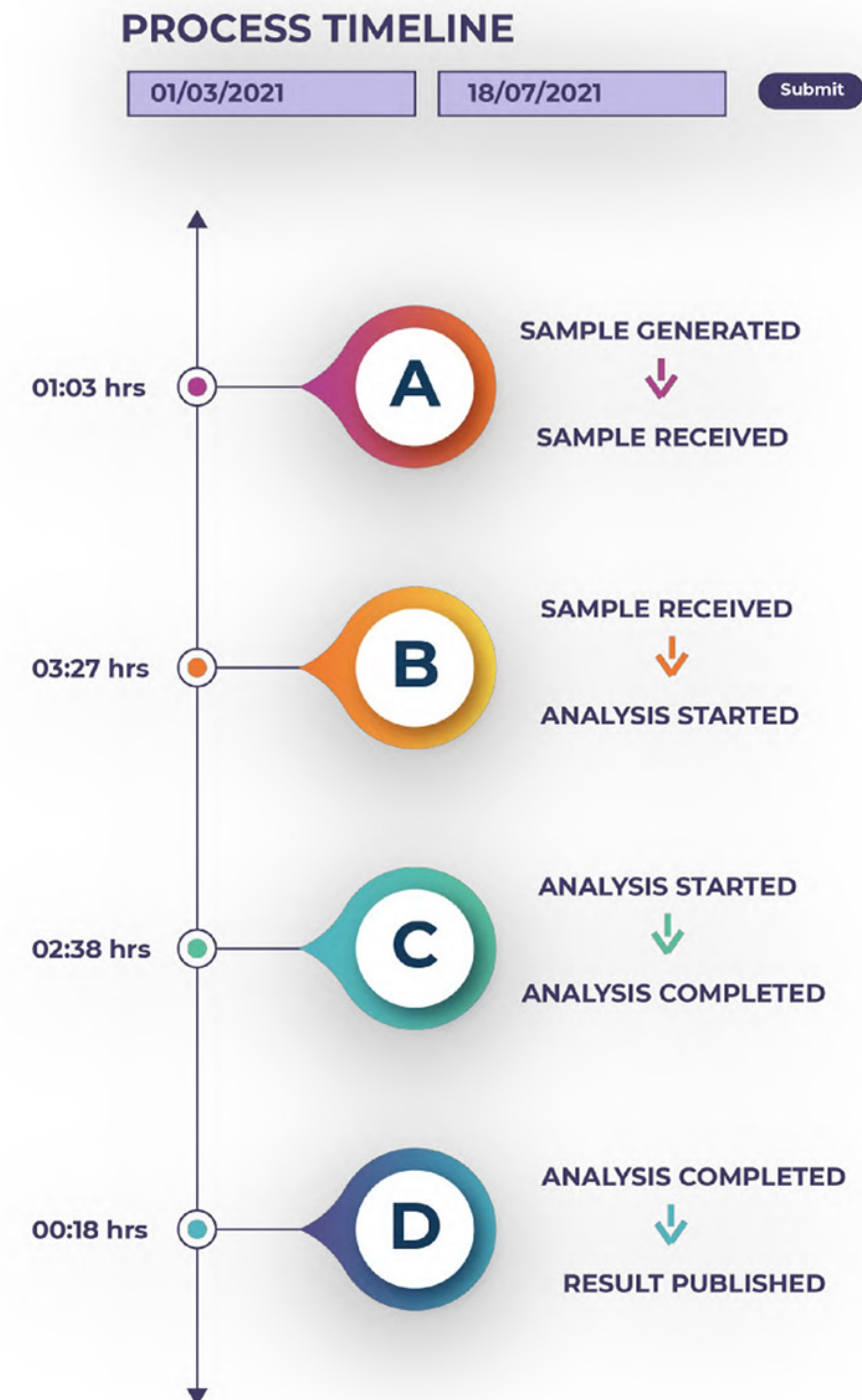
See detailed report for an individual sample or view analysis of the process followed over a period of time



### Activities

Sample #1246

- 08:42 ● Sample generated from plant
- 10:00 ● Sample received in Lab
- 14:37 ● Analysis started to test **Ph/Purity** in GC#43545
- 16:50 ● Analysis completed and Result added automatically
- 21:03 ● Sent for Approval of: **Shift Incharge**.
- 16:50 ● Shift Incharge Approved
- 21:03 ● COA Released for **Sample # 1246**.





# Team Performance

Analyse and compare team performance with benchmarks and expectations

Pitch

## QA/QC Team

Over 30 members

Name	Category	Performance	Actions
 <b>Murli Deodhar</b> M.Sc - Analytical Chemistry	<b>Raw Material</b> Benzene, Acetone	50% <div style="width: 50%;"><div style="background-color: blue;"></div></div>	
 <b>Kapil Shah</b> Junior Chemist	<b>In Process</b> Phenol, Hydrated IPA	70% <div style="width: 70%;"><div style="background-color: red;"></div></div>	
 <b>Parth Mohapatra</b> Senior Executive	<b>Finished Goods</b> Phenol, Acetone, IPA	60% <div style="width: 60%;"><div style="background-color: green;"></div></div>	
 <b>Sandip Pandya</b> Senior Executive	<b>Finished Goods</b> Cumene, Sodium Nitrite	50% <div style="width: 50%;"><div style="background-color: yellow;"></div></div>	
 <b>GC # 34567</b> Asset in Location X	<b>Sample Analysis</b> FG, RM, WIP	90% <div style="width: 90%;"><div style="background-color: purple;"></div></div>	

# Workflow



Ensure the SOP of the organisation is followed and adhered to

## Sample Reviews

August 18, 2021 12:03

**Deepesh shah [SHIFT INCHARGE]**

Submit → Accept

August 18, 2021 12:01

**Sanket Jasud [QC CHEMIST]**

OK, Sample Received

Receive → Submit

August 18, 2021 11:46

**Vishal mavani [QC CHEMIST]**

Pending → Receive





# Sample Report

Bar code enabled sampling  
reducing human effort with auto  
instrument interfacing to keep  
clerical errors to minimum

Compare with reference range for  
auto validation

Consolidated view for the sample  
with tracebacks of changes if any  
ensuring audit trail and data  
integrity

Extract COA with a click of a button

Track vendor and source of material

**Plant**  
Tank Farm

**Area**  
Tank Farm

Barcode: 6420953273  
[Print Barcode](#)

### Sample details

Label: **RM3922**      Sample: **9051c5b04bad - Benzene Tanker**      Batch/Lot No.: **81219936**      Vehicle Number: **GJ10TX3821 RIL**

Supplier Name:  
**Reliance Industries Ltd Jamnagar**

Remark	Report Number	Quantity	LIMS ID
1. Electronically transmitted certificate valid without signature.			6420953273

### Test parameters

Test Parameter	Specification	UOM	Test Result
Appearance	Clear colourless Liquid, free from water droplets	--	pass <a href="#">↻</a>
Acid wash color	1.0 Max	--	<1 <a href="#">↻</a>
Moisture Content	300.0 Max	wt ppm	160 <a href="#">↻</a>

### Sample Reviews

August 18, 2021 12:03  
Deepesh shah [SHIFT INCHARGE]      [Submit](#) → [Accept](#)

August 18, 2021 12:01  
Sanket Jasud [QC CHEMIST]  
OK, Sample Received      [Receive](#) → [Submit](#)

August 18, 2021 11:46  
Vishal mavani [QC CHEMIST]      [Pending](#) → [Receive](#)

# How will this work ?

**Samplify** understands the need of customisation. Hence, we will configure the platform based on what you need ensuring you won't have to change anything!



### Requirement Scouting

Formal requirement document with you to understand what you need



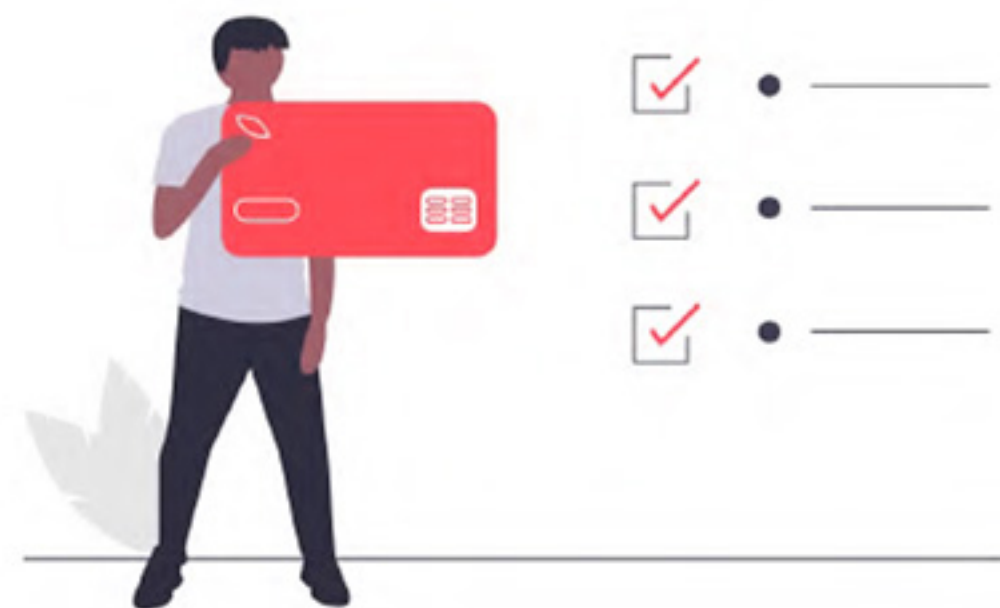
### Customize

Customize the platform based on your needs



### UAT

Have an internal rollout with the tailor made LIMS and test it



### Launch

Once you like it, roll out and we will handle training and adoption!

# You're in good company

Meet our clients



Alkyl Amines Chemicals Limited



DCPL has been in operations since past 5 years and have worked with large and small organizations in multiple domains

**In god we trust**  
**For everything else,**  
**there is data!**

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