LABHQ

Your Quality Control Analysis
in 7 Simple Steps

Welcome to LabHQ LIMS

Username

Password

Login

LOGIN!

Users can securely and confidently login to LabHQ LIMS through a user-friendly interface. With username and password protection, access to your data will be controlled. Give your clients read-only access to their own data through the web-client. With their own username and password they can too enjoy using LabHQ just like you!

Login

STEP 1.
SAMPLE SUBMISSION

Whether you're testing a batch of product as a support function to manufacturing or you're testing multiple batches as a contract laboratory, LabHQ allows you to submit samples easily. Fields are pre-populated based on the permissions for the user logged in. LabHQ can store your test methods, test schedule, and product specifications in a version-controlled system enabling you and your clients to submit samples for testing with ease.

Create Study

| Details | Notes |

Product [ ] 🔍

- ⌄ Undefined
- ⌄ Ibuprofen 200mg Caplets
- ⌄ Ibuprofen 200mg Tablets
- ⌄ Paracetamol 500mg Tablets

Study I

Study Description

Batch Number [ ]

Date of Manufacture: 06-May-2015 📅

Number of **Samples** 0

Create Study

Lims >

Receive Samples

Search Here... | Batch ▼

Study	Batch ID	Product
1	65463213	Ibuprofen 200
15	546465	Ibuprofen 200
16	5296	Ibuprofen 200
17	65654	Ibuprofen 200
28	123456	Ibuprofen 200
34	646874	Ibuprofen 200
48	4567	Paracetamol 5
59	2653985	Ibuprofen 200
62	43534	Ibuprofen 200
69	321	Ibuprofen 200
70	98989	Ibuprofen 200

	No. of Aliquots	Sample	Sample Template	Description	Client	Submit
	1	5	Finished Product Sample	Finished Product for Qual	The Pharmaceut	11-Aug

	Aliquot ID	Aliquot No.	Aliquot Name	Test Suite	No. Of Labels	Produ
	5	1	FP Aliquot	Ibuprofen Full Speci ▼	0	Ibupro

+ Add Aliquot

| | 1 | 6 | In-Process Sample | In-Process Testing | The Pharmaceut | 11-Aug |

	Aliquot ID	Aliquot No.	Aliquot Name	Test Suite	No. Of Labels	Produ
	6	1	IP Aliquot	Ibuprofen Reduced ▼	0	Ibuprof

+ Add Aliquot

Customise LabHQ with your own language using our easy to configure localisation file.

RECEIVE SAMPLES

When samples physically arrive to the lab, this stage allows you to reconcile with the submission details ensuring the product, batch numbers, and test schedule were correctly entered. You can also print labels to ensure that each sample displays the appropriate information while it's being tested or stored waiting for testing.

Receive

STEP 3.
CREATE WORK

So you've suited up with a lab coat and goggles and you're ready to go to work. What's next on the list? You can choose how to organise your work. Do you prefer to do one test on multiple samples, or take one sample through all the testing it requires? Either way, LabHQ provides you with the flexibility to work however you please. You can group which samples you wish to analyse and prioritise based on turnaround or on a first in first out basis.

Create Work

Search Here... | Name ▼

| Study | Sample | Aliquot | **Test Method** |

TM004 | 🔍

Analyst name	Username
Administrator	Administrator
Sophie Blackburn	sblackburn
Theresa Webster	twebster

☐	Test Method ID	Test Method Description	Aliquot ID	Product Name	Product Description
☑	TM004	Disintegration of Tablets and Capsules	54	Ibuprofen 200mg Tablets	Ibuprofen 200mg Tab
☑	TM004	Disintegration of Tablets and Capsules	55	Ibuprofen 200mg Tablets	Ibuprofen 200mg Tab
☑	TM004	Disintegration of Tablets and Capsules	63	Ibuprofen 200mg Tablets	Ibuprofen 200mg Tab
☑	TM004	Disintegration of Tablets and Capsules	64	Ibuprofen 200mg Tablets	Ibuprofen 200mg Tab
☐	TM004	Disintegration of Tablets and Capsules	66	Ibuprofen 200mg Tablets	Ibuprofen 200mg Tab
☐	TM004	Disintegration of Tablets and Capsules	67	Ibuprofen 200mg Tablets	Ibuprofen 200mg Tab
☐	TM004	Disintegration of Tablets and Capsules	125	Ibuprofen 200mg Tablets	Ibuprofen 200mg Tab
☐	TM004	Disintegration of Tablets and Capsules	126	Ibuprofen 200mg Tablets	Ibuprofen 200mg Tab
☐	TM004	Disintegration of Tablets and Capsules	129	Ibuprofen 200mg Tablets	Ibuprofen 200mg Tab
☐	TM004	Disintegration of Tablets and Capsules	104	Ibuprofen 200mg Tablets	Ibuprofen 200mg Tab
☐	TM004	Disintegration of Tablets and Capsules	105	Ibuprofen 200mg Tablets	Ibuprofen 200mg Tab

Test Method Count: 296

Create

Enter Results

| Analyst (3) | Test Method (12) | Location (8) | Operator (1) |

Search Here...

- Administrator (Administrator)
- Sophie Blackburn (sblackburn)
  - 18
  - 52
    - TM005
- Theresa Webster (twebster)

Average Tablet Weight

Sample ID	Composite Weight (g)	No. of Tablets ()	Average Weight (mg)
63	4.1098	20	205
65	4.0786	20	204
66	3.8765	20	194
67	3.9487	20	197

After completing tests on a sample, entering the results on LabHQ gives you the opportunity to check the result against the specification. Any out of trend, or out of specification results can be investigated immediately to help achieve turnaround times.

Want to reduce human error? Why not try our results import module with equipment integration? Want traceability of the stock or equipment used during testing? Then go for our stock and equipment modules, which seamlessly integrate with LIMS and store all of your data in one place.

Submit

STEP 5.
VALIDATE RESULTS

Labs operating a quality management system may implement the "four-eyes" rule to checking results. LabHQ drives an independent review of results before formal approval and reporting. Having another person review your work minimises the number of transcription errors.

Lims >
Validate Results

Analyst (3) | Test Method (11)

Search Here... 🔍

👤 Administrator (Administrator)
👤 Sophie Blackburn (sblackburn)
👤 Theresa Webster (twebster)
  📄 43
  📄 44
     TM002
     TM005
  📄 48

Average Tablet Weight

		Sample ID	Conclusion	Composite Weight (g)	No. of Tablets ()	Average Weight (mg)
	☑	**300**	Complies ⇕	4.5968	20	230
	☑	**302**	Complies ⇕	4.6012	20	230
	☑	**301**	Complies ⇕	4.6123	20	231

💡 Is your sample lifecycle shorter? or longer? Workflows are conveniently customisable in LabHQ.

Validate

Approve Results

Job(9) | Locations(8) | Operators(1)

Search Here... Client ▼

Job	Clients
55	The Pharmaceutical Company
61	The Pharmaceutical Company
111	The Pharmaceutical Company
112	The Pharmaceutical Company
113	The Pharmaceutical Company
141	The Pharmaceutical Company
167	The Pharmaceutical Company
168	The Pharmaceutical Company
169	The Pharmaceutical Company

111 -

	Conclusion	Sample ID	Sample Status
☑	Complies ⬍	165	Validated

TM002	Appearance / Description
	Complies

TM001	Assay
	190.0

TM003	Highest Single Impurity	Impurity B	Total Other Impurities	Related Substances
	0.3	0.3	0.6	Complies

TM005	Average Weight

	Conclusion	Sample ID	Sample Status
☐	Complies ⬍	166	Validated
☐	Complies ⬍	167	Validated

APPROVE RESULTS

Once all results are entered for a sample and validated, the sample is then ready for approval. As the final step in the sample lifecycle, approve results is the last check before the results are formally reported. The sample conclusion is then applied as "Complies" or "Does not comply" providing an unambiguous summary of the sample's testing outcome.
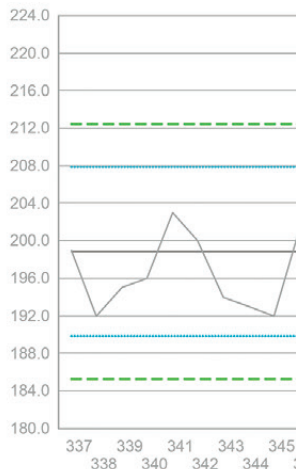
Approve

STEP 7.
REPORT RESULTS

Generate certificates of analysis or trend reports with one simple click. LabHQ has made it easier for lab users to generate meaningful reports accurately and quickly providing a professional finish to the sample analysis process. For quality reviews, LabHQ also provides a suite of system audit trails ensuring that each action is appropriately recorded. Where changes are made the reason is logged against the user, date and time.

LABHQ

Trending Report
23 Apr 2015 - 23 Apr 2015

Assay and Identification

Component:

224.0					
220.0					
216.0					
212.0					
208.0					
204.0					
200.0					
196.0					
192.0					
188.0					
184.0					
180.0					

337 338 339 340 341 342 343 344 345

LABHQ

Sample Audit Trail

Date	Time	User Name	Change	Comment
9/Apr/2015	14:34	twebster	Sample 165 registered	
9/Apr/2015	14:34	twebster	Sample 165 - Test method TM001 added	
9/Apr/2015	14:34	twebster	Sample 165 - Test method TM002 added	
9/Apr/2015	14:34	twebster	Sample 165 - Test method TM003 added	
9/Apr/2015	14:34	twebster	Sample 165 - Test method TM004 added	
9/Apr/2015	14:34	twebster	Sample 165 - Test method TM005 added	
9/Apr/2015	14:36	twebster	Sample 165 - Input edited for workbook:26 Test Method:TM001 Assay old value = new value=190	
9/Apr/2015	14:36	twebster	Sample 165 - Result calculated for workbook:26 Test Method:TM001 Assay value = 190.0(190.0)	
9/Apr/2015	14:36	twebster	Sample 165 - Results validiated for 11	
14/Apr/2015	9:16	twebster	Sample 165 - Input edited for workbook:27 Test Method:TM002 Appearance / Description old value = new value=Complies	
14/Apr/2015	9:16	twebster	Sample 165 - Result calculated for workbook:27 Test Method:TM002 Appearance / Description value = Complies(Complies)	
14/Apr/2015	9:16	twebster	Sample 165 - Input edited for workbook:27 Test Method:TM003 Highest Single Impurity old value = new value=0.3	
14/Apr/2015	9:16	twebster	Sample 165 - Input edited for workbook:27 Test Method:TM003 Impurity B old value = new value=0.3	
14/Apr/2015	9:16	twebster	Sample 165 - Input edited for workbook:27 Test Method:TM003 Total Other Impurities old value = new value=0.6	
14/Apr/2015	9:16	twebster	Sample 165 - Input edited for workbook:27 Test Method:TM003 Related Substances old value = new value=Complies	

Want your data presented differently? Simply customise your reports in LabHQ.

WANT MORE FUNCTIONALITY TO HELP YOU MANAGE THE LAB?

Automate the supporting processes to your quality control analysis through seamless integration with our complementary LabHQ modules.

Environmental Monitoring

Stock Management

Equipment Maintenance

Stability Study Management

CONTACT US

We'd Love to
Hear From You!

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