Occhiolino - TUL 2014



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thymbr(a)









Free Software Foundation GNU official package: lims













Laboratory Information Management System











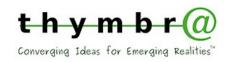
Framework +

Account Purchase Production Stock Security



Modular, Community-based, Free/Libre Laboratory Information Management System







Laboratory Management

- Sample Management
- Lab equipment integration
- Workflows
- Supply Chain Management
- Standards (Production)
- Method management
- Audit Management
- Traceability
- Barcode Handling
- Access groups and security management







Sample Management

- Reception

- Shared Samples

- Fraction

- Sample states

- Services
- Barcodes
- Location tracking
- Planning

- Controls, Blanks and Duplicates







Fractions

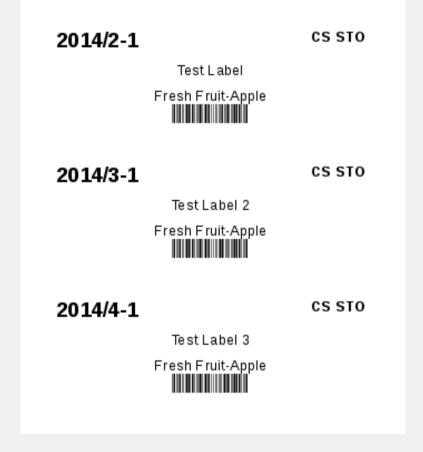
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Fractions		
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Sample Management





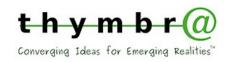




Lab equipment integration

- Integration with laboratory instruments and applications
- Export worksheets to instruments
- Import instrument results files for quality control assessment
- Import raw results
- Intermediate calculations







Lab results

- Dependent analyses
- Unit conversion
- Limits of detection and quantification
- Check results ranges
- Uncertainty tables
- Review and acceptance of results
- Lab results reports management







Occhiolino : Standards





ISO/IEC 17025

OECD Good Laboratory Practice (GLP)







Modular design

Health

Water

Interlaboratory

Technical Assistance

Study Plans

File User Options Favorites Help		
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 Configuration 		
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Work Years		
Laboratories	Code: 1212 Description: Water test in Las Palmas	
	General Comments	
Methods	Type: Water sampling Client:	
Devices		
Device types	Start date: 05/28/2014 🖪 End date: 05/30/2014 🖪	
	Storage time (in months): 3 External quality control:	
Product types		
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Analysis/Sets/Groups	Sampling responsible: 🛛 🛛 🖉 Location: 🗔	
Fraction Types	Comments	
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GNU Health integration



The Free Health and Hospital Information System







Community : CIATI, Argentina









Thank you!



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