Proficiency Testi 0 26.9999979 16.7.2 (T)87.38

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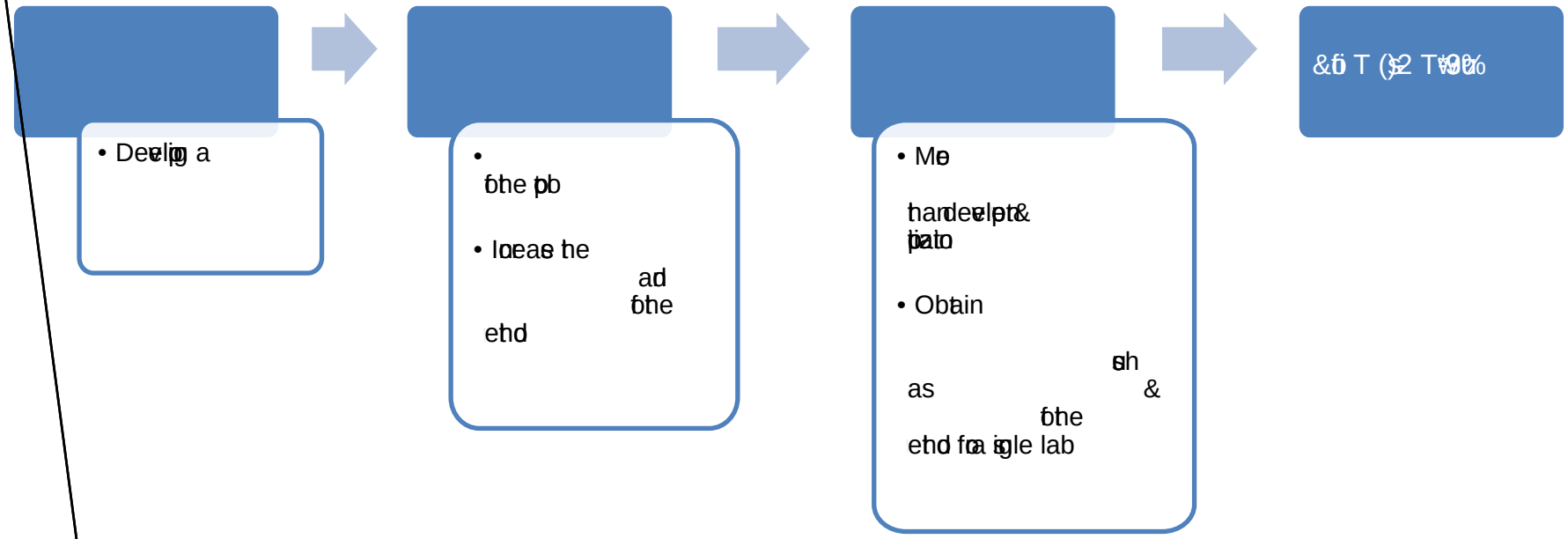

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Salmonella

- Proficiency panel according to ISO 17043.
- Logistic criteria allow for labs, and calculating the for each method/lab.
- 3 artificially 8 samples/panel = 24 total samples tested!
- 7 positive samples and 1 negative sample/panel

Salmonella

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- Pelii ayt al kv to calcla e he
- Fia l ape le vels ve calcla ed t hav a

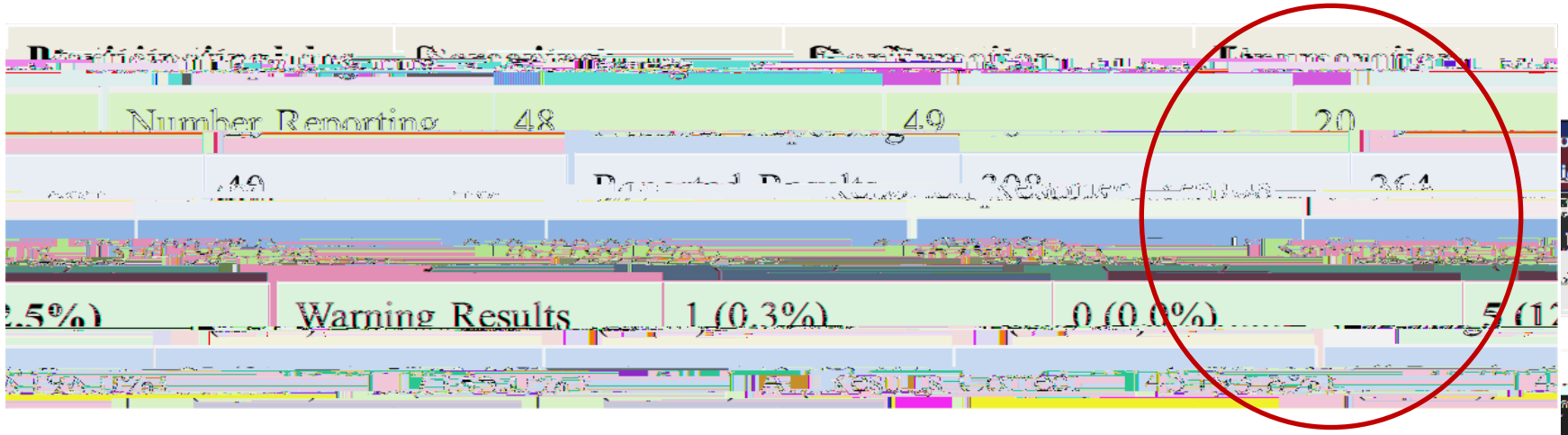
f each at x

Listeria monocytogenes in Queso Fresco Cheese

Focus on enumeration

- Interlaboratory comparison of enumeration of Listeria monocytogenes:
  - To determine laboratory's ability to enumerate Listeria monocytogenes.
  -

Listeria monocytogenes in Queso Fresco Cheese



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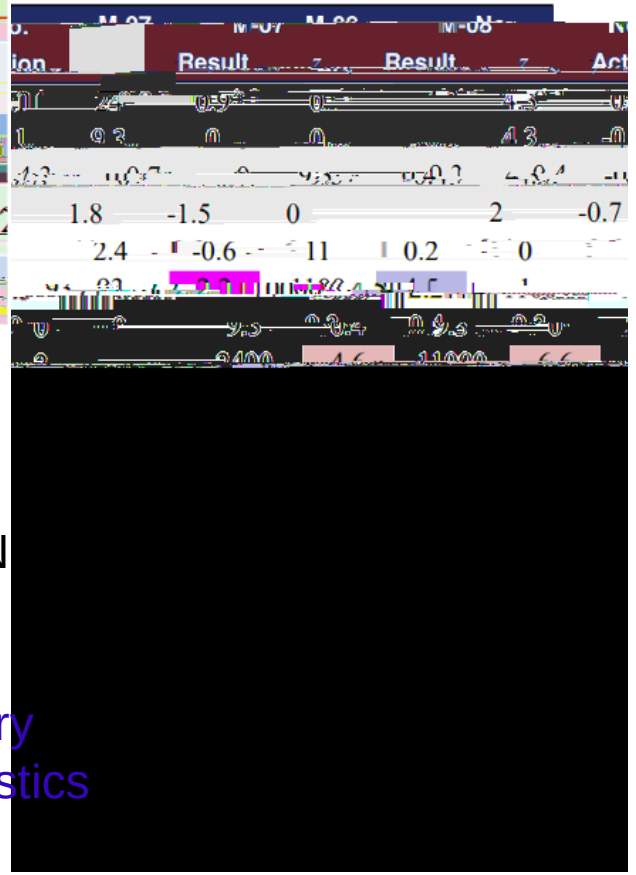

- Most participants were proficient in enumeration of Listeria monocytogenes
- Quantitative results indicated deviations among some laboratories, suggesting improper handling of MPN dilution series and discrepancies in reporting of MPN values.
- Proficiency testing can be used to fill the data gaps i.e., lack of interlaboratory comparison data of enumeration methods and estimate precision characteristics along with evaluation laboratory and analyst's performance.

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- Labs receive:
  - A case description and logistics
  - A digital history guide.
  - Brain and liver specimens for histochemical analysis
- Histology findings combined with the case description and clinical history allow students to identify the possible cause as a team
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- Mathew Ket
- Robert Newkirk
- Raider Reddy
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- Jodie Ulaszek
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