February-March Repeat Plate Analysis Immediate Action Report- Chemagic

11Apr2021

Based on the preliminary analysis between Dayshift (7am- 7Pm) Sunday – Tuesday for February and March, there are two main issues that are causing most plate failures that create reruns:

1. A lack of Chemagic priming after weekly and monthly cleanings cause the positive and negative controls located on well A1 and A2 to fail.

Actions for Chemagic:

1. Remind technicians to prime the Chemagic after every cleaning procedure. The reminders could be a part of the physical maintenance log to be signed off to help ensure this happens. It is also recommended we prime the instrument before use if it isn’t used for several hours.
2. For the future it would be helpful to have the program prompt the technicians to prime after these cleaning procedures or be a part of the actual program itself.
3. In the next iteration of the batch tracker sheets, include a check box for a second operator to check chemagic logs and ensure that the priming occurred.
4. Add to the batch tracker and LIMC which technician sets up the Chemagics and checks the manifolds.