

## Colorimeter Procedures

<b>Title</b>	Colorimeter		
<b>Created By</b>	Bill Smith		
<b>Date Created</b>	07/31/2019	<b>Start Date / Time</b>	
<b>Last Modified</b>	07/31/2019	<b>Completion Date/Time</b>	
<b>Executable Steps</b>		<b>Pass/Fail/Pending</b>	

**Test Case:** Colorimeter Tests

**Test Case Description:** This procedure documents how to perform the new colorimeter tests.

**Requirements:** N/A

**Data Input:** N/A

**Prerequisite Conditions:** New Colorimeter

**Table 1.1-1. Steps and Expected Results**

<b>Step #</b>	<b>Actions / Inputs</b>	<b>Expected Results</b>	<b>P/F</b>	<b>Comments</b>
1.	Turn the colorimeter on (bottom button)	Colorimeter will beep and load the last used program		
2.	Select the desired program by pressing the top left "Options" button to display the menu	Menu is displayed		
3.	Press the down arrow button to select "Favorites/User Programs"	"Favorites/User Programs" is selected.		
4.	Press the "Select" button which will be the upper right button.	List of user programs is displayed:  355 N Nitrate HR PP 490 P React. PV 680 Sulphate New Program		
5.	Select the desired program with the up or down arrow buttons.	Desired program is selected.		

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6.	Press the upper right "Start" button.	Program is ready to be enabled.		
7.	Press the top left "Options" button to display the menu	Menu is displayed with "Start Timer" already selected.		
8.	Press the upper right "Select" button.	Menu is displayed with "Timer 1: xx:xx" already selected (if there is more than one timer be sure to select the correct one, e.g. nitrates)		
9.	Follow reagent procedure	Reagents are properly mixed with the sample		
10.	Press the upper right "Select" button to start the timer.	Timer is started.		
11.	Place blank in colorimeter and close the cover.	Blank sample is ready for zero procedure.		
12.	Press the top center "Zero" button.	Colorimeter is zeroed.		
13.	Place sample in colorimeter and close the cover.	Sample is ready to be read.		
14.	Press the top right "Read" button.	Reading is obtained.		
15.	Repeat Steps 2-14	Testing of other 2 parameters		
16.	Turn the colorimeter off (bottom button)	Colorimeter will turn off		
<b>Colorimeter Tests Completed</b>				