

# ***DR/Check*™ ABS Standards**

## **General Information:**

**Store standards in set box at room temperature**  
**Store in an upright position.**

The *DR/Check*™ standards are used to verify your instrument performance by measuring a specific absorbance at crucial instruments wavelengths.

Each standard should be properly aligned as follows:

Hach instruments are precalibrated during manufacture. If the instrument calibration changes during normal use, refer to the instrument manual or contact Hach Technical Support directly at: (970) 669-3050 or your Hach dealer.

 ***DR/Check*™**  
*Absorbance Standard*



### **CAUTION**

*Do not use the blank to zero instrument for sample determinations. Use a water blank. AR101A*

27639-88A

## Instructions for Quality Control Use:

$\lambda$ nm	DR/800 Prog#	DR/800 Model
420	42	870,890
520	52	820,850,870,890
560	56	890
610	61	850,870,890

1. Enter program # as listed above for the DR/800 model or the specific  $\lambda$  nm when using the Odyssey.
2. For best results, wipe tubes with a clean tissue and silicone oil before use.
3. Insert the blank into the instrument properly aligned. Press "Zero".
4. Place standard No. 1 in the instrument properly aligned. Press "Read".
5. Record the initial instrument reading in the blank table provided. The initial value read should be within the tolerance limits of the certified absorbance specified on the Certificate of Analysis.
6. Repeat step 4 and 5 for standards No. 2 and No. 3.
7. Repeat all steps for all program #'s for the DR/800 and the  $\lambda$  nm listed for your Odyssey instruments.

*Note: To monitor instrument performance, repeat all steps and compare readings to recorded values.* AR101A

**27639-88B**