

Dry Standards

Make Calibration Easier

Avoid the challenges associated with liquid standards and pipetting by choosing convenience with dry standards.

Liquid Standards Require Attention to Detail

- ▶ Must be delivered via a pipette
 - ▷ Must be checked regularly using a balance
 - ▷ Must be verified by a NIST traceable mass
- ▶ Requires training and proper technique to deliver the correct volume
- ▶ Must ensure correct amount of carbon in the ladle
 - ▷ Must verify that all of the liquid is dispensed
 - ▷ Must ensure no drops from the side of pipette fall into the ladle
- ▶ Classified as Hazardous Material Shipment

What are Dry Standards?

Foolproof vials filled with impregnated activated carbon spiked with a NIST-traceable mass of mercury

- ▶ Dispensed by simply opening the vial and pouring its contents into a ladle
- ▶ Standards created at custom mass levels based on your calibration needs
- ▶ Each lot includes Ohio Lumex Chain of Custody Documentation

Benefits of Using Dry Standards

- ▶ Extremely Accurate
- ▶ Save Time & Reduce Frustration
- ▶ Easy to Mobilize & Transport without Safety Concerns
- ▶ No Need to Purchase Calibration Carbon
- ▶ Non-Hazardous Handling, Shipping and Disposal

