

# ENCAPSULATED GRAY SCALE STANDARDS



Gray scale diffuse reflectance standards, encapsulated to meet USP 1119 standards

Categories: [PHYSICAL STANDARDS](#), [REFLECTANCE STANDARDS](#)



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Avian Technologies offers encapsulated gray scale and wavelength standards designed to meet USP 1119 specifications. These standards are identical to our [Fluorilon™ standards](#), except with the Fluorilon™ encased in a Delrin™ holder with a 2" diameter BK-7 window.

The size of both the gray scale and wavelength standards is identical to enable fixturing for most instruments designed to measure pharmaceutical on-line processes. The wavelength standard has the same components as the National Institute of Technology's SRM-1920a, with a small amount of an inert, spectrally non-absorbing binder. Unlike sintered equivalents of SRM-1920a, this standard exhibits no peak shifting and is both durable and stable.

Each standard has a small, re-sealable port in the top to allow for conditioning in a controlled humidity environment.

Standards & targets are available individually, or in sets of four or eight.

## Options & Specifications

Nominal reflectances at 600 nm

2%, 5%, 10%, 20%, 40%, 60%, 80%, 99%\*

Product Dimensions

2.400"/61 mm diameter; 0.620"/15.88 mm thickness

台灣總代理



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Nominal reflectances at 600 nm

2%, 5%, 10%, 20%, 40%, 60%, 80%, 99%\*

Calibration

Calibrated or uncalibrated

\*Tolerance is +/- 1% at 600 nm for 2%, 5%, and 99% standards. All others have a tolerance of +/- 2%.

## Ordering

<b>EFGS-xx-01</b>	<i>1.25" diameter Fluorilon Grey Scale, Encapsulated Available calibrated or uncalibrated "xx" = nominal reflectance</i>
<b>EFGS-xx-02</b>	<i>2.00" diameter Fluorilon Grey Scale, Encapsulated Available calibrated or uncalibrated "xx" = nominal reflectance</i>
<b>EFSS-04-01</b>	<i>1.25" diameter, Set of 4 Encapsulated Grey Scale Reflectance Standards: 2%, 99%, plus two of your choice Available calibrated or uncalibrated, traceable to NIST/NRC, boxed</i>
<b>EFSS-04-02</b>	<i>2.00" diameter, Set of 4 Encapsulated Grey Scale Reflectance Standards: 2%, 99%, plus two of your choice Available calibrated or uncalibrated, traceable to NIST/NRC, boxed</i>
<b>EFSS-08-01</b>	<i>1.25" diameter, Set of 8 Encapsulated Grey Scale Reflectance Standards: 2%, 5%, 10%, 20%, 40%, 60%, 80%, 99% Available calibrated or uncalibrated, traceable to NIST/NRC, boxed</i>
<b>EFSS-08-02</b>	<i>2.00" diameter, Set of 8 Encapsulated Grey Scale Reflectance Standards: 2%, 5%, 10%, 20%, 40%, 60%, 80%, 99% Available calibrated or uncalibrated, traceable to NIST/NRC, boxed</i>
<b>Custom</b>	<i>Custom products are our specialty! Contact us for more information.</i>

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## Avian Technologies

Solutions for Optical Spectroscopy Materials, Coatings, and Standards

# News

### NEWS

## LC Instru Represents Avian Technologies

Avian Technologies is pleased to welcome our newest representative, **LC Instru**. If you are interested in purchasing Avian Technologies products in France, give them a call!

Visit our **international sales** page for more information on purchasing Avian Technologies' products if you are located outside the US.

### Contact .

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