ENCAPSULATED GRAY SCALE STANDARDS



Gray scale diffuse reflectance standards, encapsulated to meet USP 1119 standards Categories: <u>PHYSICAL STANDARDS</u>, <u>REFLECTANCE STANDARDS</u>



Product Information

Ordering

Avian Technologies offers encapsulated gray scale and wavelength standards designed to meet USP 1119 specifications. These standards are identical to our <u>Fluorilon[™] standards</u>, 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

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

EFGS-xx-01	1.25" diameter Fluorilon Grey Scale, Encapsulated Available calibrated or uncalibrated "xx" = nominal reflectance
EFGS-xx-02	2.00" diameter Fluorilon Grey Scale, Encapsulated Available calibrated or uncalibrated "xx" = nominal reflectance
EFSS-04-01	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
EFSS-04-02	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
EFSS-08-01	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
EFSS-08-02	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
Custom	Custom products are our specialty! Contact us for more information.



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.

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