



GFS Chemicals, Inc. has been a leading manufacturer of Certified Reference Materials for spectrophotometer validation for almost 20 years. We offer custom reference standards as well as our proprietary, stock formulations.

All materials are NIST traceable and produced under an ISO 9001 certified quality management system and tested within an ISO/IEC 17025 accredited laboratory.

FEATURES AND BENEFITS

Aqueous Polymer Suspension

Budget Friendly

Ready-To-Use

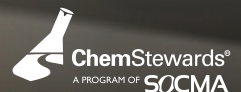
Accuracy Guaranteed

Live Assistance

Customizable

Manufactured in Columbus, Ohio

- Non-Toxic, green alternative
- Cost effective, no disposal fees
- No preparation, easy to use procedures
- Baseline included with order
- Eliminates user variance
- Method development and application support
- Direct dial number to a Product Specialist
- Data provided at laboratory wavelength(s) of choice
- Broad range availability, 200nm - 900nm
- Custom solutions and packaging
- In stock and ready to ship
- Guaranteed 12 months from date of shipment
- Cell recertification services





In-Spec® Photometric Standards Selection Guide

How to Use: Choose your wavelength of interest then go across the chart to find your closest target absorbance value. The top of the column will identify the item number and product name associated with that value.

- Options for Customizable Materials, Packaging, and Labeling

UV SPECTRUM STANDARDS

Wavelength	UV-1 #8301	UV-2 #8302	UV-3 #8303	UV-4 #8304	UV-5 #8305	UV-6 #8306	UV-7 #8307	UV-8 #8308	UV-20 #8309	UV-30 #8310
250	0.091	0.139	0.187	0.321	0.370	0.488	0.552	0.611	1.231	1.825
254	0.084	0.129	0.173	0.296	0.342	0.451	0.510	0.565	1.138	1.688
260	0.077	0.117	0.158	0.269	0.311	0.409	0.462	0.511	1.030	1.532
280	0.056	0.082	0.111	0.187	0.217	0.284	0.317	0.352	0.708	1.054
300	0.042	0.059	0.081	0.134	0.158	0.205	0.228	0.252	0.507	0.755
350	0.024	0.032	0.045	0.073	0.087	0.112	0.124	0.137	0.276	0.411
400	0.015	0.020	0.028	0.046	0.055	0.070	0.077	0.085	0.171	0.254

VISIBLE SPECTRUM STANDARDS

Wavelength	VIS-0.05 8311	VIS-0.1 8312	VIS-0.3 8322	VIS-0.5 8313	VIS-0.8 8314	VIS-1.0 8315	VIS-4.0 8316
400	0.122	0.260	0.724	1.254	1.882	2.436	3.437
450	0.082	0.177	0.500	0.871	1.323	1.780	3.326
500	0.059	0.126	0.360	0.628	0.957	1.298	3.238
550	0.043	0.093	0.270	0.470	0.719	0.975	3.127
600	0.034	0.072	0.212	0.368	0.566	0.767	2.917
650	0.027	0.056	0.169	0.294	0.450	0.611	2.524
700	0.022	0.045	0.137	0.239	0.365	0.497	2.111
750	0.018	0.037	0.111	0.195	0.299	0.406	1.740
800	0.017	0.030	0.092	0.161	0.247	0.334	1.440

Please note that the values in the table are representative values only and are to assist in picking out the appropriate standard for your application. The actual value of the lot you receive may vary. The data provided is representative of a 10mm pathlength cell.