

To qualify as an Accredited Gem Lab[®] (AGL), a set of at least five (5) diamond color masters is required. Color master diamonds must be graded by GIA or AGS Laboratories as master color grade diamonds, and must satisfy the following requirements.

REQUIREMENTS

Color: The first diamond must be AGS 0.0 (D), AGS 0.5 (E), or AGS 1.0 (F). Each additional diamond can have no greater variation than one (1) numerical AGS color grade or the second GIA letter grade from the previous diamond. For example, if the first color master diamond is an AGS 0.5 (E), the next diamond must be an AGS 1.0 (F) or AGS 1.5 (G). Single or split grades may be assigned according to the Colorimeter Conversion Table under “AGS Colorimeter Values” if the diamonds were previously graded at AGS Laboratories.

Color Scale:

AGS	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	To	Fancy Yellow	
	Colorless			Near Colorless			Faint			Very Light					Light						Fancy Yellow			
GIA	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Fancy Yellow

Fluorescence: Master diamonds must not have visible fluorescence. Since fluorescent diamonds can vary in color grades between daylight and artificial light, they are not appropriate color masters. In colors lower than AGS 3.5 (K), faint fluorescence may be accepted.

Cut: Diamonds should conform to the same general proportions. Due to differences in depth, there can be variations in the appearance of color in a shallow diamond compared to a deeper diamond. This can make accurate comparisons more difficult. All diamonds in the set should be approximately the same size and proportions.

Clarity: Slightly included diamonds are acceptable, providing that the characteristics do not affect the color or transparency of the diamond.

Weight: Diamonds must weigh 0.25 carats or more and must be unmounted. It is recommended that the diamonds in the master set are within 0.10 carats of each other. This size is adequate for comparison of diamonds up to 1.00 carat.

Girdle: Diamonds must have polished or faceted girdles and there should not be large girdle thickness variations from one stone to another.

Laser Inscription: Each Color Master Diamond must be laser inscribed as an identifier to ensure there are no possibilities of mistaking a master diamond for a diamond being assessed. The inscription must be the GIA color master inscription or the AGS number, estimated Colorimeter value, and the equivalent master color grade.

AGS COLORIMETER VALUES

The following chart is a reference for color master diamond sets graded by AGS Laboratories for the correlation of the single or split letter grade to the assigned Colorimeter value.

AGS MASTER COMPARISON	COLORIMETER VALUES
D	0.00 to 0.10
D/E	0.20 to 0.30
E	0.40 to 0.60
E/F	0.70 to 0.80
F	0.90 to 1.10
F/G	1.20 to 1.30
G	1.40 to 1.60
G/H	1.70 to 1.80
H	1.90 to 2.10
H/I	2.20 to 2.30
I	2.40 to 2.60
I/J	2.70 to 2.80
J	2.90 to 3.10
J/K	3.20 to 3.30
K	3.40 to 3.60
K/L	3.70 to 3.80
L	3.90 to 4.10
L/M	4.20 to 4.30
M	4.40 to 4.60
M/N	4.70 to 4.80
N	4.90 to 5.10