

## PRESS RELEASE

### **Industry Leaders Introduce Certified Hybrid Diamond Master Sets—A Game-Changer for Color Grading**

For the first time, gemologists and jewelers will have access to an innovative solution for diamond color grading. Developed in collaboration with the Accredited Gemologists Association (AGA), Stuller, and GCAL by Sarine, Certified Hybrid Diamond Master Sets provide a reliable, cost-effective alternative to traditional natural master sets—addressing long-standing industry challenges of limited availability and rising costs. By combining natural and lab-grown diamonds, these sets offer a precise and accessible tool for grading.

The AGA Board of Governors recently unanimously approved the new Hybrid Diamond Master sets for use in their Certified Gemological Laboratory (CGL) program and authorized GCAL by Sarine as an approved grading laboratory for certifying these master sets. The AGA-CGL program sets standards for equipment and professional training for the gemological laboratories of appraisers and jewelers. To earn CGL status, they must meet specific equipment requirements, including the use of a diamond master color grading set, and ensure that qualified gemologists oversee operations.

#### **A Collaborative Effort**

The AGA has long been committed to strengthening public trust in the gem and jewelry sector. "AGA offers its members unparalleled opportunities to exchange valuable insights and forge meaningful industry connections. Building on our long-standing dedication to addressing challenges that impact public trust in the gem and jewelry sector, we are proud to play a role in bringing the Certified Hybrid Diamond Master Stones to market," said Teri Brossmer, AGA President.

This project stands as a testament to the power of industry collaboration. "Being a member of the AGA provides the opportunity to share valuable industry connections, which play a crucial role in addressing real challenges faced by our members nowadays. The most effective testimony of these synergies is the Hybrid Master Stones project, where a long-standing issue, unresolved for decades, was tackled thanks to the collective goodwill of all contributors. We are hopeful that this project will pave the way for others, fostering further collaborations with all the other gemological and appraisal organizations," noted Alberto Scarani, AGA Board of Governors and Project Coordinator.

#### **A Commitment to Precision and Quality**

Stuller, a prime supplier in the diamond trade, plays a vital role in sourcing and selecting stones for these sets, using lab-grown diamonds for higher color grades and natural diamonds for lower ones. "For decades, Stuller has played a crucial role as a key supplier in the diamond trade, and as such, we are committed to shaping the future of the diamond industry in various ways. Thus, when AGA contacted us, we were excited to collaborate. We leveraged Stuller's extensive global network and specialized in-house screening and sorting operations, which handle millions of natural and lab-grown diamonds annually, to pinpoint the precise stones that qualify as color master stones," said Guy Borenstein, Stuller's Director of

Gemstone Procurement and Senior Gemologist. "Thanks to the fantastic collaboration with GCAL, a project that typically requires at least a year and involves hundreds of rejected stones was successfully finished in under two months."

The initial selection process has been streamlined using Sarine's AI color grading technology. "Master stones must meet strict criteria—VG+ proportions, VS2+ clarity, faceted girdles, minimal fluorescence, and a pure yellow hue without tinges or modifiers—all while representing the highest of each respective color grade," explained Angelo Palmieri, President of GCAL by Sarine. "AI has made the process faster and more efficient, ultimately making master sets more accessible for gemologists and jewelers."

After Stuller completes the initial selection, each set is graded, verified, and certified by GCAL by Sarine, combining AI-driven grading with expert human assessment to ensure the master stones meet the highest standards.

Announced at the recent AGA annual conference in Tucson, these master sets provide:

- Greater Accessibility – Traditionally scarce and expensive, these sets now offer an affordable, high-quality option for professionals.
- Unmatched Precision – AI technology and expert grading ensure consistent, accurate color grading.
- Increased Trust – Endorsed by the AGA, these sets give gemologists and jewelers a reliable grading tool.

Donald A. Palmieri, Founding Partner of GCAL by Sarine, emphasized the significance of the project: "In all my years of appraising and certifying diamonds, no tool has been more critical to my gemological work than my diamond color master set. GCAL is proud to provide certification for the master sets in joint cooperation with Stuller and AGA."

These sets will soon be available for purchase by the trade directly from Stuller.

For more information on acquiring a Certified Hybrid Diamond Master Set, please visit the [Accredited Gemologists Association website](#).

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### **About the Accredited Gemologists Association (AGA)**

The Accredited Gemologists Association (AGA) is an esteemed international organization of independent gemologists and industry professionals dedicated to advancing gemological knowledge, ethics, and best practices. Through education, research, and collaboration, AGA supports the highest standards of integrity and expertise in gem evaluation and appraisal.

### **About Stuller**

In 1970, Matthew Stuller founded Stuller Inc. headquartered in Lafayette, Louisiana. The prime manufacturer provides a wide range of goods and services for jewelry professionals worldwide. Stuller's core product categories include bridal jewelry, wedding bands, fine jewelry, mountings, diamonds, gemstones, findings, metals, tools, packaging, and digital solutions.

### **About GCAL by Sarine**

GCAL by Sarine is a globally recognized diamond certification laboratory committed to accuracy, consistency, and consumer confidence. Utilizing advanced AI-driven technology alongside expert human graders, GCAL provides guaranteed diamond certification and innovative solutions to meet the evolving needs of the gem and jewelry industry. Since 2008, GCAL has been annually reaccredited as an ISO Accredited Forensic Laboratory, the only gems and jewelry lab globally to hold such an accreditation and distinction.



ACCREDITED  
GEMOLOGISTS  
ASSOCIATION  
Est. 1974

S STULLER







**GCAL**  
BY SARINE

**GUARANTEED CERTIFICATE**

LAB GROWN DIAMOND

Independently Graded and Guaranteed by GCAL by Sarine™

**GCAL**  
BY SARINE

**GUARANTEED CERTIFICATE**

NATURAL DIAMOND

Independently Graded and Guaranteed by GCAL by Sarine™

**PHOTOMICROGRAPHS**

Actual photographs of the crown (top) and pavilion (bottom) of this diamond photographed at magnifications up to 10x. View these photos at <https://www.gcal.com/350080037>

**Clarity Characteristics and Locations**

Clouds Table-Star-Bessel  
Feathers Pavilion: Main, Table, Star

**LIGHT PERFORMANCE PROFILE**

**Optical Brilliance** Excellent  
Optical Brilliance is the overall return of white light to the viewer. It is measured to the thousandth decimal place and is represented by the numbers in this wrap. The white areas indicate light return / brilliance, and the dark blue areas indicate light loss.

**Optical Symmetry** Excellent  
Optical Symmetry is also based on this photograph of your diamond taken in a specific colored lighting environment. The evenness of the pattern illustrates the precision and uniformity of facet shapes and alignment.

**GCAL**  
BY SARINE

**GCAL Certificate No. 350080037**

Scan QR code to view photos of this diamond, grading scales, and to download a PDF of this certificate: go to <https://www.gcal.com/350080037>

<b>4C's GRADING</b>	Carat Weight	0.44
	Color	H
	Clarity	VS2
	Cut	Excellent

Shape and Cutting Style: **Round Brilliant**

Measurements: **4.92 - 4.98 x 2.96mm**

Polish: **Very Good**

Physical Brilliance: **Very Good**

Optical Brilliance: **Excellent**

Optical Symmetry: **66%**

Table %: **59.3%**

Depth %: **Medium to Sl. Thick, Faceted**

Circle: **None**

Fluorescence: **"GCAL 350080037" & "HMASTER NATURAL"**

Inscription: **None**

Treatment: **None**

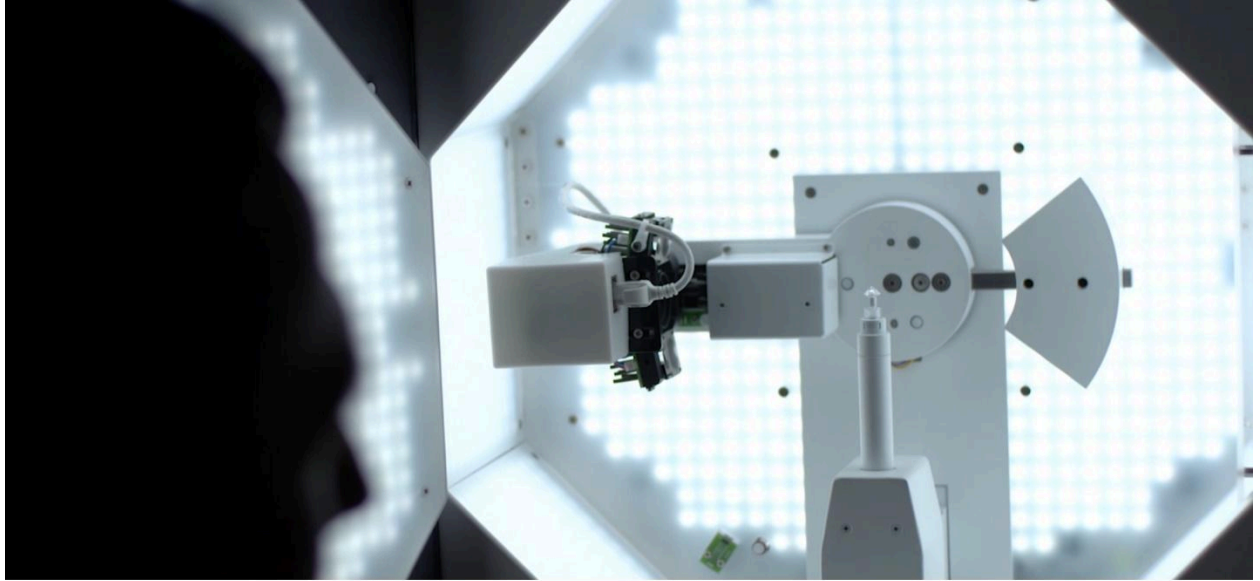
GCAL has examined this diamond and certifies that the specifications noted in this document are accurate within recognized gemological tolerances. GCAL is not responsible for this party and does not warrant our grading for a GCS. Consumer Guarantee: The gemstone grading scale and color images unique to this diamond are available at GCS.COM.

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 AI **COLOR** GRADING

