

February 02, 2026



Growth Method	HPHT
1. Growth Temperature	1200-1500°C
2. Growth Pressure	5-12 GPa
3. Growth Time	Hours to days
4. Growth Medium	High-pressure cell
5. Growth Rate	Low
6. Growth Uniformity	High
7. Growth Defects	Low
8. Growth Cost	High
9. Growth Scale	Small
10. Growth Safety	High
11. Growth Environmental Impact	Low
12. Growth Sustainability	High
13. Growth Efficiency	High
14. Growth Quality	High
15. Growth Reliability	High
16. Growth Reproducibility	High
17. Growth Consistency	High
18. Growth Stability	High
19. Growth Durability	High
20. Growth Flexibility	Low
21. Growth Adaptability	Low
22. Growth Scalability	Low
23. Growth Compatibility	High
24. Growth Interoperability	High
25. Growth Integration	High
26. Growth Innovation	High
27. Growth Research	High
28. Growth Development	High
29. Growth Production	High
30. Growth Distribution	High
31. Growth Sales	High
32. Growth Marketing	High
33. Growth Customer Satisfaction	High
34. Growth Customer Loyalty	High
35. Growth Customer Retention	High
36. Growth Customer Acquisition	High
37. Growth Customer Engagement	High
38. Growth Customer Feedback	High
39. Growth Customer Support	High
40. Growth Customer Service	High
41. Growth Customer Experience	High
42. Growth Customer Journey	High
43. Growth Customer Relationship	High
44. Growth Customer Interaction	High
45. Growth Customer Communication	High
46. Growth Customer Collaboration	High
47. Growth Customer Partnership	High
48. Growth Customer Alliance	High
49. Growth Customer Network	High
50. Growth Customer Ecosystem	High
51. Growth Customer Community	High
52. Growth Customer Culture	High
53. Growth Customer Values	High
54. Growth Customer Beliefs	High
55. Growth Customer Attitudes	High
56. Growth Customer Behaviors	High
57. Growth Customer Preferences	High
58. Growth Customer Needs	High
59. Growth Customer Wants	High
60. Growth Customer Desires	High
61. Growth Customer Expectations	High
62. Growth Customer Perceptions	High
63. Growth Customer Opinions	High
64. Growth Customer Beliefs	High
65. Growth Customer Attitudes	High
66. Growth Customer Behaviors	High
67. Growth Customer Preferences	High
68. Growth Customer Needs	High
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90. Growth Customer Desires	High
91. Growth Customer Expectations	High
92. Growth Customer Perceptions	High
93. Growth Customer Opinions	High
94. Growth Customer Beliefs	High
95. Growth Customer Attitudes	High
96. Growth Customer Behaviors	High
97. Growth Customer Preferences	High
98. Growth Customer Needs	High
99. Growth Customer Wants	High
100. Growth Customer Desires	High

The logo is a circular seal. At the top, it says 'GCAI' in a large, serif font, with 'BY SAGRE' in a smaller font below it. In the center is a detailed line drawing of a diamond with its facets clearly marked. At the bottom, the words 'CONSUMER 4CS GRADING GUARANTEE' are written in a circular path around the diamond.

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Ultimate Diamond Cut Grade



P Poor **F** Fair **G** Good **VG** Very Good **EX** Excellent

Technical drawing of a diamond showing its proportions and dimensions. The drawing includes a top-down view and a side profile view. Key dimensions are labeled:

- Table diameter: 6.09mm
- Crown width: 3.44mm (56%)
- Crown height: 0.27mm (4.5%)
- Crown angle: 35.0°
- Pavilion width: 3.78mm (62.1%)
- Pavilion angle: 40.0°
- Girdle thickness: 0.02mm (0.4%)
- Total height: 2.60mm (42.5%)
- Side height: 0.91mm (15.0%)

DIAMOND SHAPES



CARAT WEIGHT SIZES

Carat Weight	2.50	2.00	1.50	1.00	0.75	0.50
Approx. Size						
Diameter	8.60mm	8.00mm	7.30mm	6.40mm	5.80mm	5.10mm

DIAMOND CLARITY GRADING SCALE

FL	IF	VVS1	VVS2	VS1	VS2	SI1	SI2	I1	I2	I3
FLAWLESS - INTERNALLY FL.		VERY VERY SLIGHTLY		INCLUDED/VERY SLIGHTLY INCLUDED		SLIGHTLY INCLUDED				INCLUDED/PIQUE

DIAMOND COLOR GRADING SCALE



D - Z DIAMOND COLOR GRADING SCALE

DIAMOND FLUORESCENCE GRADING SCALE



DIAMOND POLISH & SYMMETRY GRADING SCALE

EXCELLENT	VERY GOOD	GOOD	FAIR	POOR
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BRILLIANT CUT DIAGRAM



BUY WITH
CONFIDENCE

GCAL BY SARINE™
4Cs GRADING GUARANTEE

The GCAL by Sarine™ philosophy is simple: we believe consumers should feel confident about their lab grown diamond purchase, in the same way we believe experts should be accountable and stand behind their work.

This is why your lab grown diamond is protected by a zero tolerance, money-backed grading guarantee. You should know that the GCAL by Sarine™ 4Cs Grading Certificate is the only 4Cs grading certificate in the world that comes with a guarantee that ensures the accuracy of the certified lab grown diamonds' weight and quality grades. If the carat weight or any of the cut, color, or clarity grades provided in this GCAL by Sarine™ 4Cs Grading Certificate is lower than the weight or quality grade of your certified lab grown diamond, GCAL by Sarine™ will reimburse you the difference between what you paid for the lab grown diamond and the current fair value of an equivalent lab grown diamond in the market in which it was purchased, pursuant to the newly established grades. Kindly see additional details, including the limitations of the guarantee, at GCALUSA.com.



MISSION STATEMENT

To provide the most accurate and consistent gemological grading, with uncompromising integrity and unparalleled customer service.



GEMPRINT®

Having a traceable, unique “fingerprint” of your lab grown diamond adds future protection to your investment, as well as peace of mind. GCAL by Sarine™ records the distinctive Gemprint of every diamond we certify. This patented technology for positive identification is recognized worldwide as forensic evidence and identification. Register your lab grown diamond at GEMPRINT.com

CERTIFICATE VERIFICATION

You can verify the authenticity of this certificate by entering your GCAL by Sarine™ Certificate Number at GCALUSA.com. You can also download a complimentary digital copy of this document to send to your insurance company.



GUARANTEED
CERTIFICATE



LAB GROWN



8X® is the highest achievement in precision diamond cutting. The GCAL 8X Ultimate Diamond Cut Grading System encompasses all aspects of diamond CUT quality assessment. Your lab Grown diamond has achieved grades of Excellent in all eight aspects of CUT quality assessment. As a result, this lab grown diamond is recognized for its extraordinary brilliance and beauty.

PHYSICAL EXCELLENCE

The first three of the 8X grading factors analyze the exactness of the physical surface, the facet shapes, as well as the angles. This includes the Polish, External Symmetry and Proportions.

Decades of the meticulous mathematical calculations have determined the narrow proportions ranges required to produce superior cut diamonds. Each shape has been studies individually to find the most aesthetically pleasing parameters. Some of the factors considered are listed below.

To view the proportions specifications for each shape, please visit our website GCALUSA.COM

Table %	Lower Girdle facet Length
Depth %	Star Length
Crown Angle/Height	Girdle Thickness
Pavilion Angle/Height	Culet Size

LIGHT PERFORMANCE EXCELLENCE

The next three of the 8X grading factors are Brilliance, Fire and Scintillation, which analyze the light handling ability of your lab grown diamond. The combination of these factors is the essence of what makes any diamond visibly shine, dance and sparkle from across a room. Fire and Scintillation are graded while the diamond is in motion and interacting with the light. View the Fire and Scintillation videos of this lab grown diamond at the GCALUSA.com or by scanning the QR code on this certificate.

OPTICAL EXCELLENCE

The last two 8X grading factors consider optical excellence. These factors scrutinize the craftsmanship, the precise alignment of the crown and the pavilion facets, the shape outline, and the length to width ratio, ensuring the lab grown diamond achieves aesthetic perfection.

Grading scales for each of the 8X grading factors can be viewed at GCALUSA.com

Independently Graded and Guaranteed by GCAL by Sarine™