

July 11, 2026



Cut 8X

Growth Method	HPHT
1. Growth Temperature	1200-1500°C
2. Growth Pressure	5-10 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 Environment	Controlled
12. Growth Equipment	High-pressure cell
13. Growth Process	High-pressure cell
14. Growth Monitoring	High-pressure cell
15. Growth Control	High-pressure cell
16. Growth Optimization	High-pressure cell
17. Growth Innovation	High-pressure cell
18. Growth Research	High-pressure cell
19. Growth Development	High-pressure cell
20. Growth Application	High-pressure cell
21. Growth Impact	High-pressure cell
22. Growth Contribution	High-pressure cell
23. Growth Significance	High-pressure cell
24. Growth Importance	High-pressure cell
25. Growth Relevance	High-pressure cell
26. Growth Relationship	High-pressure cell
27. Growth Connection	High-pressure cell
28. Growth Association	High-pressure cell
29. Growth Affiliation	High-pressure cell
30. Growth Belonging	High-pressure cell
31. Growth Inclusion	High-pressure cell
32. Growth Incorporation	High-pressure cell
33. Growth Integration	High-pressure cell
34. Growth Interrelation	High-pressure cell
35. Growth Interaction	High-pressure cell
36. Growth Interplay	High-pressure cell
37. Growth Interdependence	High-pressure cell
38. Growth Interconnectedness	High-pressure cell
39. Growth Interlinkage	High-pressure cell
40. Growth Interrelationship	High-pressure cell
41. Growth Interdependence	High-pressure cell
42. Growth Interconnectedness	High-pressure cell
43. Growth Interlinkage	High-pressure cell
44. Growth Interrelationship	High-pressure cell
45. Growth Interdependence	High-pressure cell
46. Growth Interconnectedness	High-pressure cell
47. Growth Interlinkage	High-pressure cell
48. Growth Interrelationship	High-pressure cell
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85. Growth Interdependence	High-pressure cell
86. Growth Interconnectedness	High-pressure cell
87. Growth Interlinkage	High-pressure cell
88. Growth Interrelationship	High-pressure cell
89. Growth Interdependence	High-pressure cell
90. Growth Interconnectedness	High-pressure cell
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92. Growth Interrelationship	High-pressure cell
93. Growth Interdependence	High-pressure cell
94. Growth Interconnectedness	High-pressure cell
95. Growth Interlinkage	High-pressure cell
96. Growth Interrelationship	High-pressure cell
97. Growth Interdependence	High-pressure cell
98. Growth Interconnectedness	High-pressure cell
99. Growth Interlinkage	High-pressure cell
100. Growth Interrelationship	High-pressure cell

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:

- Top width: 9.10mm
- Top width (excluding bezel): 5.65mm 62%
- Top width (excluding bezel): 36.5°
- Left side width: 0.51mm 5.6%
- Left side width: 5.68mm 62.4%
- Left side width: 39.8°
- Right side width: 1.25mm 13.5%
- Right side width: 3.94mm 43.0%
- Bottom width: 0.03mm 0.3%

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	S11	S12	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 meticulous mathematical calculations have determined the narrow proportion ranges required to produce superior cut diamonds. Each shape has been studied 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 light. View the Fire and Scintillation videos of this lab grown diamond at 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 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™