



Comparing Natural and Lab-Grown Diamond

1 0	Natural Diamond	Lab-Grown Diamond
Chemical Composition	Carbon	Carbon
Crystalline Structure	Cubic	Cubic
Refractive Index	2.42	2.42
Fire (Dispersion)	0.044	0.044
Hardness	10	10
Density	3.52	3.52
Polish	Diamond powder	Diamond powder

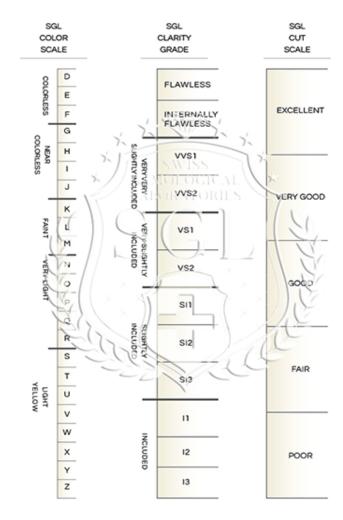
GEMOLOGICAL REPORT		
February 02, 2021 Description		
SGL Report Number	J8466795	
Type of jewelry	Jewelry	
Material	"14" Karat Yellow Gold	
Total Carat Weight	0.50 CT.	
Total Weight	2.17 GR.	
Stamp	"585"	
Center Stone		
Stone Type	Laboratory Grown Diamond	
Shape and Cutting Style	Round Brilliant	
Carat Weight	0.50 CT.	
Color Grade	F	
Clarity Grade	VVS2	
Cut Grade	Excellent	
Comments		

"EXCELLENT IDEAL FINISH" - The quality of the finish of this jewelry achieves Excellence in symmetry of proportions

Tested and graded as mounting permits. Grades and weights might be approximate.

"LABORATORY GROWN DIAMOND" - is man-made but features the same optical and physical properties as a natural diamond including its chemical composition, refractive index 4Cs. The only difference is point of origin as one is grown above ground while the other is extracted from the ground.





100% Diamond
Conflict Free Diamond



The result documented in this report refer only to the diamond described and was obtained using techniques and equipment available to SGL at the time of examination. This report is not a guarantee or valuation. For additional information and important limitation and disclaimers, please vist SGLLABS.COM.



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