



GIA®

GIA GEMOLOGICAL REPORT

SAPPHIRE ORIGIN REPORT

GIA REPORT 5201580268

September 24, 2019

DETAILS

Shape..... **Octagonal**
 Cutting Style **Step Cut**
 Transparency **Transparent**
 Color..... **Blue**

RESULTS

Species..... **Natural Corundum**
 Variety..... **Natural Sapphire**
 Geographic Origin **Kashmir**

TREATMENT

No Indications of Heating

Item Description: **One loose stone**
 Weight: **3.32 carats**
 Measurements: **8.85 x 8.62 x 4.11 mm**

Comments: Any statement on geographic origin is an expert opinion based on a collection of observations and analytical data.



Image is approximate

To learn more about how GIA determines and classifies gemstone origin, as well as maps describing localities, go to reportcheck.gia.edu to view this report.



reportcheck.gia.edu

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GIA REPORT
2346292835

Verify this report at GIA.edu

GIA NATURAL DIAMOND DOSSIER®

December 12, 2019
 GIA Report Number 2346292835
 Shape and Cutting Style Square Emerald Cut
 Measurements 5.08 x 4.95 x 3.39 mm

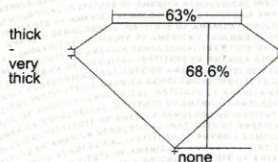
GRADING RESULTS

Carat Weight 0.77 carat
 Color Grade E
 Clarity Grade VVS1

ADDITIONAL GRADING INFORMATION

Polish Excellent
 Symmetry Very Good
 Fluorescence None
 Clarity Characteristics Feather
 Inscription(s): GIA 2346292835

PROPORTIONS



Profile not to actual proportions

GRADING SCALES

GIA COLOR SCALE		GIA CLARITY SCALE			
COLORLESS	D	VERY VERY SLIGHTLY INCLUDED	FLAWLESS		
	E		INTERNALLY FLAWLESS		
	F		VVS ₁		
	NEAR COLORLESS	G	VERY SLIGHTLY INCLUDED	VVS ₂	
		H		VS ₁	
		Faint	I	SLIGHTLY INCLUDED	VS ₂
			J		SI ₁
	K		SI ₂		
	VERY LIGHT		L	INCLUDED	I ₁
			M		I ₂
N			I ₃		
LIGHT	O				
	P				
	Q				
	R				
	S				
	T				
	U				
V					
W					
X					
Y					
Z					



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DOSS

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GIA REPORT 2205852348

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GIA NATURAL DIAMOND DOSSIER®

January 15, 2020
 GIA Report Number 2205852348
 Shape and Cutting Style Square Emerald Cut
 Measurements 5.09 x 5.06 x 3.46 mm

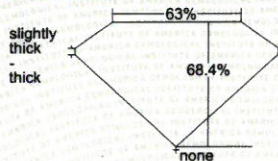
GRADING RESULTS

Carat Weight 0.81 carat
 Color Grade F
 Clarity Grade VS1

ADDITIONAL GRADING INFORMATION

Polish Excellent
 Symmetry Very Good
 Fluorescence None
 Clarity Characteristics Crystal, Cloud
 Inscription(s): GIA 2205852348

PROPORTIONS



Profile not to actual proportions



GRADING SCALES

GIA COLOR SCALE		GIA CLARITY SCALE	
COLORLESS	D	VERY VERY SLIGHTLY INCLUDED	FLAWLESS
	E		INTERNALLY FLAWLESS
	F		VVS ₁
	G		VVS ₂
	H		VS ₁
	I		VS ₂
	J		SI ₁
	K		SI ₂
	L		I ₁
	M		I ₂
Faint	N	SLIGHTLY INCLUDED	I ₃
	O		
	P		
	Q		
	R		
	S		
	T		
	U		
	V		
	W		
VERY LIGHT	X		
	Y		
	Z		

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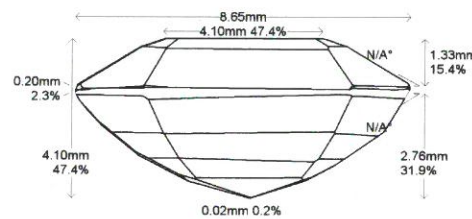




Imaging

Images do not accurately portray size or color.

Accu-Vu™ Imaging:



Comments:

General Report Comments:

Document No: 1103323 Validation Date: 9 September 2019

Identification
 Mineral Type: Natural Corundum
 Variety: Sapphire Color Description: Blue

Carat Weight: 3.32 cts Shape: Rectangular
 Measurements: 8.85 x 8.65 x 4.10 mm Cutting Style: Emerald Cut

Comments:

Identification

Origin
 Provenance: Kashmir

Comments: It is the opinion of the Laboratory, based on the weight of evidence that the origin of this material would be classified as Kashmir.



Origin

Enhancement
 Standard: No gemological evidence of heat Additional: Clarity enhancement: None

Comments: Non-heated sapphires are scarce. Sapphires are commonly heated to modify their color and appearance.

Enhancement

1	2	3	4	5	6	7	8	9	10	None	Insignificant	Minor	Moderate	Strong	Prominent
Excellent	Very Good	Good	Fair	Poor	Extremely Rare	Very Rare	Rare	Uncommon	Common	Very Common					

Enhancement Stability Index™

Degree of Clarity Enhancement & Relative Rarity™

Christopher P. Smith, President



American Gemological Laboratories™
 America's first and most highly respected origin lab.

About Us

Founded in 1977,
 AGL is an internationally recognized gemstone testing facility, specializing in comprehensive colored stone analyses.

AGL has the distinction of being the first laboratory in the United States to issue Country-of-Origin reports. Our company and its principals have a long tradition of research into the detection of and reporting on gem identification-and-classification, gemstone treatments and provenance determinations.

Our staff is composed of experts in the field of gemstone testing and reporting. Our findings reflect the latest knowledge and analytical techniques to ensure the highest standards are applied on every stone we test.

AGL's testing and reporting methodology provide you with unsurpassed quality and reliability. We are committed to providing the highest level of service and reporting that our clients and the industry have come to expect from the AGL.

INFORMATION SHEET

to Report No. 19082008

Unheated sapphires

Large sapphires of gem-quality are rarely found in nature. Not only is a delicate mineralogical balance essential for this blue variety of corundum to be formed deep within the earth, but specific geological conditions as well as adequate pressure and temperature must also be present. Furthermore, the sufficient supply of a rare combination of chemical elements, such as aluminium, iron and titanium, are yet another necessity required for the formation of sapphires.

Over the past decades, various heating techniques, as well as the use of chemical additives, have become increasingly sophisticated to raise the supply of sapphires resembling the high-quality untreated specimens. The aim of these treatments was and still is to improve the visual appearance of the gemstones.

Prior to the advent of modern heating techniques, rough sapphires were cut and polished retaining the quality that nature had originally endowed them with. Therefore, in earlier times, sapphires with obvious imperfections were considered and accepted as the norm. However, the expectations with respect to quality (colour and transparency) rose steadily ever since.

The demand for natural, unheated sapphires keeps growing while the supply of such gems remains limited, making natural sapphires of gem-quality from all major sources (such as Kashmir, Burma (Myanmar), Sri Lanka, Madagascar and Tanzania) difficult to find.



GEMMOLOGICAL REPORT

Report Number
19082008

Colour
blue

Date
13 August 2019

Species
Natural corundum

Item
One faceted gemstone

Variety
Sapphire

Weight
3.32 ct

Origin
Kashmir

Shape
octagonal

Condition
No indications of heating (NTE).

Cut
step cut

Comments
See Information Sheet(s).

Measurements
8.86 x 8.64 x 4.10 mm

Important notes and limitations on the reverse.

Transparency
transparent

Annette Widemann-Wong

Lidia Bellomo

