



COLORED STONE REPORT



October 21, 2024

IGI Report Number	623425028
Species	NATURAL BERYL
Variety	EMERALD
Shape and Cutting Style	EMERALD CUT
Weight	3.70 CARATS
Measurements	10.93 x 7.57 x 5.65 mm
Color and Transparency	GREEN, TRANSPARENT
Characteristics	NATURAL INCLUSION(S) PATTERN

Comments:

Natural emeralds are commonly enhanced as part of their normal fashioning process. Indications of moderate clarity enhancement.

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OPTICAL and PHYSICAL PROPERTIES

Refractive Index	1.577 - 1.583
Birefringence	0.006
Optic Character	UNIAXIAL
Optic Sign	-
Specific Gravity	2.72

Optical and physical properties are approximate values



Photography is approximate

Species & Variety

Gems may be classified in different species, according to their basic chemical composition and crystal structure; within a certain species, small differences in composition may result in different colors, or varieties.

The way that light interacts with the gem may create some astonishing optical phenomena, such as a star, a cat's eye effect or change of color, in different varieties.

Transparency

As light passes through a gemstone, part of it, if not all, will be absorbed, and part will be transmitted. The more light that is absorbed the less transparent the stone will be.

Characteristics

Internal characteristics are the inclusions of a gemstone. Not only do they provide essential information about the formation but also the conditions in which the gemstone is grown.

Refractive Index

When light passes through air and enters a gemstone it slows down due to a difference in the medium. The ratio between the speed of light in air and in a particular medium is known as the Refractive Index.

Optic Character

Determining how light travels through the crystal. Using a range of specialized instruments, we will be able to establish if the stone is isotropic or anisotropic, uniaxial or biaxial.

Specific Gravity

Specific gravity is the ratio of the density of the gemstone to the density of an equal volume of water.

All IGI Laboratories employ a wide range of state-of-the-art equipment, which provides comprehensive and accurate assessment of different gemstones.



IGI



October 21, 2024 623425028 EMERALD CUT 3.70 CARATS NATURAL BERYL EMERALD

**JEWELLERY GRADING REPORT**

**Date** : 16.11.2024  
**Report No** : JR-YZ07642-2908  
**Shape and Cutting Style** : Emerald  
**Description** : Natural Emerald

**GRADING RESULT**

**Carat Weight** : 3.70 ct  
**Stone Pieces** : 1  
**Measurements** :  
**Color Grade** :  
**Clarity Grade** :  
**Cut Grade** :

**ADDITIONAL GRADING INFORMATION**

**Polish** :  
**Symmetry** :

**PRODUCT INFORMATION**

**Total Gram Weight** : 6.30 gr  
**Gold Standart** : 18K  
**Gold Color** : White and Yellow Gold  
**Jewel Type** : Ring

**COMMENTS**

Digital Certificate

Can GÜRLER  
DGA ( Detayart Gemmology Academy )  
Gemmologist



**DGA REPORT**  
**JR-YZ07642-2908**

Verify this report at [dgalab.com](http://dgalab.com)

**JEWELLERY VIEW 1**



**JEWELLERY VIEW 2**



**SIDE STONES**

Stone Type	Weight	Shape	Color Grade	Clarity Grade	Pieces
Natural Diamond	0.51 ct	Triangle	E - F	VS - S1	2

<b>TOTAL</b>	<b>4.21 ct</b>	<b>3</b>
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**APPROVAL AUTHORITY**

This Report is provided upon request of the customer and / or the owner of the diamond. It is not a guarantee, valuation or appraisal of any kind.

The Report only contains the characteristics of the diamond at the time of the examination. DGA has made no representation or warranty regarding this Report or the value of the diamond described herein.

The recipient of this Report may wish to consult a credentialled jeweler or gemmologist about the information contained herein.



**IMPORTANT LIMITATIONS ON BACK**