



JEWELLERY REPORT

A DGA DGA DGA DGA DGA DGA DGA DGA DGA DG	A DCA DCA DCA DCA DCA DCA DCA DCA DCA DC
DGA	DGA
A DGA DGA DGA DGA DGA DGA DGA DGA DGA DG	A DGA DGA DGA DGA DGA DGA DGA DGA DGA DG
DGA	DGA
A DGA Report No DGA	a dga d'Descriptiona dga dga dga dga dga dg: Natural Emeraldga dga dga dga dga
DGA	
A DGA DGA DGA DGA DGA DGA DGA DGA DGA DG	dga
DGA	DGA DGA Shape and Cutting Style DGA
A DGA DGA DGA DGA DGA DGA DGA DGA DGA DG	a dga dia larenga da larenga da larenga dga dga dga dga dga dga dga dga dga d
A DGA DGA DGA DGA DGA DGA DGA DGA DGA DG	A DGA DGA DGA DGA DGA DGA DGA DGA DGA DG
A DGA DGA DGA DGA DGA DGA DGA DGA DGA DG	A DGA DGA DGA DGA DGA DGA DGA DGA DGA DG
DGA DGACARAT WEIGHTGA DGA DGA DGA DGA CTGA DGA DGA DGA DGA DGA DGA DGA	DGA DGA POLISHDGA DGA DGA DGA DGA DGA DGA DGA DGA DGA
A DEA DEA DEA DEA DEA DEA DEA DEA DEA DE	DGA
A DGA DCOLOR GRADE, DGA	A DGA DISYMETRY DGA
NGA	NGA
A DGA DGA DGA DGA DGA DGA DGA DGA DGA DG	A DGA DGA DGA DGA DGA DGA DGA DGA DGA DG
DGA DGA CLARITY GRADEA DGA DGA DGA DGA DGA DGA DGA DGA DGA DG	A DEA TOTAL GRAM WEIGHT DEA DEA DEA 19.49 gr DEA
A DGA DGA DGA DGA DGA DGA DGA DGA DGA DG	A DGA DGA DGA DGA DGA DGA DGA DGA DGA DG
DGA DGA CUT GRADE GA DGA DGA DGA DGA DGA DGA DGA DGA DGA	DGA DGA GOLD STANDART DGA
A DGA DGA DGA DGA DGA DGA DGA DGA DGA DG	A DGA DGA YEA DGA DGA DGA DGA DGA DGA DGA DGA DGA DG
DGA	DGA

SIDE STONES

STONE TYPE	WEIGHT	SHAPE	COLOR GRADE	CLARITY GRADE	CUT GRADE	POLISH	SYMETRY	PCS
Natural Diamond	1.67 CT	Round	G-H	VS - SI				12

COMMENTS

ONE 18 K WHITE AND YELLOW GOLD RING STAMPED "750" WEIGHING IN TOTAL 9.49 GR CONTAINING 1 NATURAL EMERALD 12 DIAMONDS WITH AN ESTIMATED WEIGH OF 1.67 CT

APPROVAL AUTHORITY

The certificate details the characteristics of the mentioned diamond that has been established by scientific measurements and observations.

The exacting process of testing and identifying diamond is performed by experienced academical gemologist using the latest scientific instruments.





A.Prof.Dr. Murat HATİPOĞLU Senior Staff Gemologist-Director of the Laboratory (Ph.D. in Mineralogy and Petrography of Geological Engin

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 represantation 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 gemologist about the information contained herein.





COLORED STONE REPORT ELECTRONIC COPY

February 4, 2022

IGI Report Number 508135798

Species NATURAL BERYL

Variety EMERALD

Shape and Cutting Style OVAL MIXED CUT

Weight 2.93 CARATS

Measurements 12.45 x 9.02 x 3.95 mm

Color and Transparency GREEN,
TRANSPARENT

Characteristics NATURAL INCLUSION(S)

PATTERN

Comments:

Photography is approximate

Indications of moderate clarity enhancement with Oil



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



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 fingerprints of a gemstone. Not only do they provide essential information about the formation, but also the possible geological and geographical region where they originate from. Sometimes they also provide information about whether the gemstone has been treated.

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 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-theart equipment, like FTIR and Raman spectrometers, all of which give a unique spectral graph for different gemstones. They can reveal the species of the gemstone, treatments and, at times, even the geographic origin.



© IGI 2020, International Gemological Institute

FD - 10 20



THIS DOCUMENT WAS PRODUCED WITH THE FOLLOWING SECURITY MEASURES: SPECIAL DOCUMENT PAPER, INK SCREENS, WATERMARK BACKGROUND DESIGNS, HOLOGRAM AND OTHER SECURITY FEATURES NOT LISTED AND DO EXCEED DOCUMENT SECURITY INDUSTRY GUIDELINES.



February 4, 2022

IGI Report Number

Species NATURAL BERYL

Variety EMERALD

508135798

12.45 x 9.02 x 3.95 mm

Shape and Cutting Style OVAL MIXED CUT

Weight 2.93 CARATS

Color and Transparency GREEN,

TRANSPARENT
Characteristics NATURAL INCLUSION(S) PATTERN

Comments:

Measurements

Indications of moderate clarity enhancement with Oil





February 4, 2022 508135798 OVAL MIXED CUT 2.93 CARATS NATURAL BERYL EMERALD