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The Prestige Gemstone Report™

American Gemological Laboratories™

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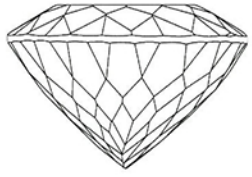
Imaging

Images do not accurately portray size or color.

Accu-Vu™ Imaging:



Comments:
This diagram is an example and does not represent the actual facet arrangement of the item described

Identification

Document No: 1125039 Validation Date: 8 August 2022

Identification

Mineral Type:	Natural Tourmaline	Transparency:	Transparent
Variety:	Paraiba-Type	Color Description:	Blue - Green
Carat Weight:	Stated by Client 21.75 cts	Shape:	Oval
Measurements:	Approx. 17.70 x 15.47 x 12.34 mm	Cutting Style:	Modified Brilliant Cut

Comments: Set in a white metal ring with several round diamonds (identified at random).
Paraiba-Type is a term/color variety applied by the AGL to the copper-bearing variety of elbaite tourmaline, which was first discovered in the Paraiba state of Brazil, but may have originated from a different source.

Origin

Origin

Provenance: Mozambique

Comments: Based on available gemological information, it is the opinion of the Laboratory that the origin of this material would be classified as Mozambique.

Enhancement

Enhancement

Standard: See comments Additional: Clarity enhancement: None

Stability Index: Color Stability: Excellent

Comments: This color variety of tourmaline is commonly the result of a relatively low temperature heating process.

1	2	3	4	5	6	7	8	9	10
Excellent		Very Good		Good		Fair		Poor	

Enhancement Stability Index™

None	Insignificant	Minor	Moderate	Strong	Prominent
Extremely Rare	Very Rare	Rare	Uncommon	Common	Very Common

Degree of Clarity Enhancement & Relative Rarity™

General Report Comments:

M. Chaipaksa

Monruedee Chaipaksa, Senior Gemologist

Christopher P. Smith, President

About Us

American Gemological Laboratories™

America's first and most highly respected origin lab.

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.

American Gemological Laboratories
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1125039
Natural Paraiba-Type Tourmaline
Stated Weight 21.75 cts

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AMERICAN GEMOLOGICAL LABORATORIES

8 August 2022

Natural Mozambique Paraiba-Type Tourmaline and Diamond Ring
Weight: Stated by client 21.75 cts
Reference: 1125039

To Whom It May Concern,

Tourmaline is one of the most intriguing minerals for the connoisseur of fine gems. Whatever the taste, spirit or whim of a jewelry lover, the tourmaline family of gems can satisfy their need through evocative colors and shades. For gemstone enthusiasts, tourmaline provides a color palette that few other minerals can replicate. Since antiquity, members of the tourmaline family have been cherished as highly valued stones.

In its purest form, tourmaline is absolutely colorless. This variety of tourmaline is known as acroite and is much more uncommon than most people probably realize. Several of its colored prodigies, such as the vibrant shades of pink to red in rubellite or the blue of indicolite, have a strong tradition of appreciation. However, even today this remarkable mineral continues to surprise. Approximately thirty years ago, a completely new variety of tourmaline was discovered, unearthing colors of the mineral that had never been seen previously.

In 1987, one of the most important events in gemstone history occurred in an isolated area of Brazil in the State of Paraiba. The discovery of copper-rich tourmalines of intense blues, greens and violets near the village of Sao Jose Da Batalha radically altered the future perception of this area for generations of gemstone connoisseurs. The tourmalines of Paraiba, Brazil have distinguished themselves as the pre-eminent members of the tourmaline family. The variety and intensity of the characteristic "neon" color ranges have set a new standard of excellence for color interpretation in this population of alternative colored stones.

Owing its color to a combination of copper and manganese, these rare gems quickly earned an elite status in the gem world and became known as Paraiba Tourmaline, as a tribute to the source of the original discovery. Today, a broad range of outstanding tourmaline colors are associated with copper-bearing tourmaline and additional finds have been uncovered in the neighboring state of Brazil, as well as Nigeria and most recently, Mozambique. To draw attention to the similarities of these African gems to their cousins from Brazil, the AGL classifies the Nigerian and Mozambique sources of copper-bearing tourmaline by the varietal name Paraiba-Type.

American Gemological Laboratories has completed an analysis of just such a copper-bearing gem tourmaline. The impressive 21.75 cts Paraiba-Type Tourmaline documented in AGL Report No. 1125039 has been determined to originate from Mozambique. In general, the special combination of quality elements contributes favorably to the rarity and desirability of this fine gem. More specifically, this stone possesses a blue-green color that is further augmented by numerous bright, internal color reflections. This exemplary gem also possesses a very high, eye-clean clarity, revealing heightened transparency.

The lovely blue-green color of this 21 cts gem, coupled with a high clarity and fine cut create an outstanding example of a Paraiba-Type Tourmaline.

Sincerely,

Christopher P. Smith, President
American Gemological Laboratories LLC

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