

GEMSTONE REPORT

EDELSTEINBERICHT

RAPPORT DE PIERRE PRÉCIEUSE

No. GRS2013-128148
Date 3rd December 2013
Object One faceted gemstone
Identification Natural Alexandrite (-Chrysoberyl)

Origin

Gemmological testing revealed characteristics corresponding to those of a natural alexandrite (-chrysoberyl) from:

Brazil



Weight 11.02 ct
Dimensions 15.54 x 11.05 x 7.20 (mm)
Cut brilliant/step (6)
Shape oval
Color color-changing from bluish-green (daylight) to purple-red (incandescent light)
Comment No indication of treatments

GRS

Dr. A. Peretti FGG FGA



GRS GEMRESEARCH
SWISSLAB®

European Geologist

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Translation



Verification

Code Use
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2013-128148

Dieser Edelsteinbericht wird nur unter der Voraussetzung abgegeben, dass die wichtigen Informationen auf der Rückseite als Vertragsbestandteil mit der GRS Gemresearch Swisslab AG akzeptiert worden sind. Spezielle Beachtung ist der Handhabung mit der Deklaration von Behandlungen zu schenken.

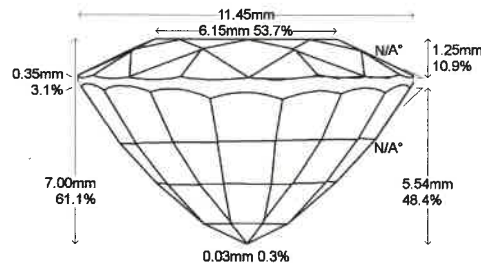
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Please note the regulations governing the declaration of gemstone treatments.



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

General Report Comments:

Imaging

Document No: 8087991
Validation Date: 5 June 2018
Identification
Mineral Type: Natural Chrysoberyl
Variety: Alexandrite
Color Description: Blue - Green and Reddish Purple
Carat Weight: 11.02 cts
Shape: Oval
Measurements: 15.53 x 11.03 x 7.18 mm
Cutting Style: Mixed Cut
Comments: Degree of Color-Change : Prominent (90% - 100%)
Quality of Color-Change : Excellent

Identification

Origin
Provenance: Classic™ Brazil
Comments: Based on available gemological information, it is the opinion of the Laboratory that the origin of this material would be classified as Classic™ Brazil.



Origin

Enhancement
Standard: None
Additional: Clarity enhancement: None
Comments: No gemological evidence of enhancements/treatments present.

Enhancement

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™

Christopher P. Smith, President



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.

About Us



magnification 1.5x

Gemstone Report No. 100921

Weight: 11.024 ct

Shape & cut: oval, brilliant / step cut

Measurements: 15.53 x 11.04 x 7.20 mm

Colour: daylight: bluish green
incandescent light: purple

Identification: **ALEXANDRITE**
(variety of natural chrysoberyl)

Comments: The analysed properties confirm the authenticity
of this transparent alexandrite.

No indications of treatment.

With a distinct colour-change.

Origin: Brazil

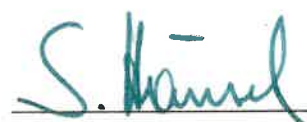
Important Note: The conclusions on this Gemstone Report reflect our findings at the time it is issued. A gemstone could be modified and/or enhanced at any time. Therefore, the SSEF can at any time reassess if a stone is in accordance with the Gemstone Report. Only the report with the valid original signatures, embossed stamp and Proof Tag™ label affixed on to the surface of the laminated report is a valid document. PDF scans and copies of a Gemstone Report are not legally binding. See terms and conditions on reverse side and www.ssef.ch/terms-conditions. © This Gemstone Report is copyright of SSEF.

SWISS GEMMOLOGICAL INSTITUTE – SSEF

Basel, 25 June 2018 ti

Report authentication (log on to www.myssef.ch)




S. Hänsel, MSc, FGA


Dr. M. S. Krzemnicki, FGA

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Appendix letter No. 100921

Exceptional Alexandrite

The natural alexandrite described in Gemstone Report No. 100921 from the Swiss Gemmological Institute SSEF possesses extraordinary characteristics and merits special mention and appreciation.

The described alexandrite exhibits a remarkable size and weight of 11.024 ct, combined with a very fine purity and an attractive distinct colour change from bluish green in daylight to purple in incandescent light. The present colour-change, also known as '*alexandrite effect*', is due to a combination of well-balanced trace elements in the stone, typical and characteristic for this attractive variety of chrysoberyl.

In addition to these qualities, the described alexandrite has been spared exposure to treatment and its colour and purity are thus all natural.

Alexandrite of gem-quality is found only in limited quantities worldwide. First discovered 1830 in a gem deposit in the southern part of the Ural mountains (Russia), the colour changing variety of chrysoberyl is nowadays also known from Ceylon (Sri Lanka), India, East-Africa, and Brazil.

A natural alexandrite from Brazil of this size and quality can be considered rare and exceptional.

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Basel, 25 June 2018 ti


S. Hänsel, MSc, FGA

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Dr. M. S. Krzemnicki, FGA