



## Test Report No. 112498

on the authenticity of the following loose gemstones (A + B)

Weight:	A: 5.997 ct B: 5.441 ct
Shape & cut:	oval, modified brilliant / step cut
Measurements:	A: 11.66 x 10.24 x 6.08 mm B: 11.59 x 10.42 x 6.47 mm
Colour:	daylight: bluish green incandescent light: purple
Identification:	two ALEXANDRITES (variety of natural chrysoberyl)
Comments:	The analysed properties confirm the authenticity of these transparent alexandrites.  No indications of treatment.  With a distinct colour-change.  Origin: Brazil

**Important Note:** The conclusions on this Test Report reflect our findings at the time it is issued. A gemstone or pearl can be modified and/or enhanced at any time. Therefore, the SSEF can at any time reassess whether the gemstone or pearl is in accordance with this Test Report. A setting may limit complete analysis of a gemstone or a pearl, thus all conclusions are given as far as the setting permits. The authenticity and colour authenticity of additional diamonds, gemstones, and pearls in the setting have not been tested. Any declared weight on an SSEF report has been stated by the client. SSEF does not take any responsibility whatsoever for the accuracy of the declared weight. Once verified on [www.myssef.ch](http://www.myssef.ch), only the Test Report with the valid original signatures, embossed stamps and Proof Tag™ label affixed onto the surface of the laminated Test Report is a valid document. PDF scans and copies of a Test Report are not legally binding. See terms and conditions on reverse side and [www.ssef.ch/terms-conditions](http://www.ssef.ch/terms-conditions). © This report is copyright of SSEF.

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Basel, 12 February 2020 dh

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Dr. M. S. Krzemnicki, FGA

**Appendix letter No. 112498**

**Exceptional Pair of Alexandrites**

The pair of natural alexandrites described in Test Report No. 112498 from the Swiss Gemmological Institute SSEF possesses extraordinary characteristics and merits special mention and appreciation.

The described alexandrites exhibit a remarkable size and weight of 5.997 ct (A) and 5.441 ct (B), combined with a very fine purity and a distinct and attractive colour-change from bluish green in daylight to purple in incandescent light, thus forming a perfectly matching pair. The present colour-change, also known as '*alexandrite effect*', is due to a combination of well-balanced trace elements in these gemstones, which are typical and characteristic of the finest alexandrites from Brazil.

In addition to these qualities, the described alexandrites have been spared exposure to treatment and their colour and purity are thus entirely 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.

Assembling a pair of natural alexandrites from Brazil of this size and quality can be considered rare and exceptional.

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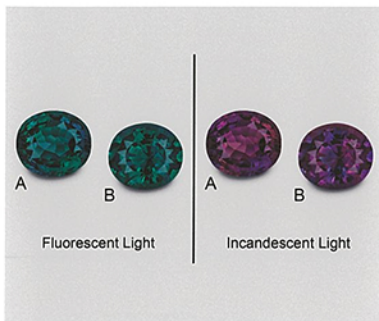
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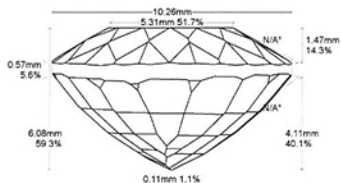
Dr. M. S. Krzemnicki, FGA





Images do not accurately portray size or color.

Accu-Vu™ Imaging:



Comments:

General Report Comments:

Document No: 1125007 A and B      Validation Date: 8 August 2022

Identification

Mineral Type: Natural Chrysoberyl      Transparency: Transparent  
Variety: Alexandrite      Color Description: Blue - Green to Red - Pink

Carat Weight: 5.99 and 5.44 cts      Shape: Oval  
Measurements: 11.69 x 10.26 x 6.08 mm      Cutting Style: Mixed Cut  
and 11.59 x 10.42 x 6.47 mm

Comments: Two gemstones with a total weight of 11.43 cts.  
Degree of Color-Change : Prominent (90% - 100%)  
Quality of Color-Change : Excellent

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.



Enhancement  
Standard: None      Additional: None

Comments: No gemological evidence of enhancements/treatments present.

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™

*M. Chaipaksa*  
Monruedee Chaipaksa, Senior Gemologist

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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.