

Document No: CS 67138 Validation Date: 20 April 2015

Identification

Mineral Type: Natural Spinel
 Variety: Color-Change Color Description: Violet and Purple-Pink

Carat Weight: 10.96 cts Shape: Oval
 Measurements: 14.30 x 11.57 x 9.03 mm Cutting Style: Modified Brilliant Cut

Comments: This stone displays a color-change when viewed under daylight, fluorescent or incandescent light.
 Degree of Color Change: Strong (70% - 80%)
 Quality of Color Change: Excellent

Origin

Provenance: Ceylon (Sri Lanka)



Comments: It is the opinion of the Laboratory, based on the weight of evidence that the origin of this material would be classified as Ceylon (Sri Lanka).

Enhancement

Standard: None Additional: Clarity enhancement: None
 Degree: N/A Degree: N/A
 Type: N/A Type: N/A
 Stability Index: N/A Stability Index: N/A

Comments: No gemological evidence of enhancements/treatments present.
 N/A represents Not Applicable

Color Grade: 3 / 75
 Color Rating Range: 3 / 70 - 80
 Color Scan: V Pk/P
 Color Zoning: N/A
 Light Source: Duro-Test: Vita Lite
 Bichroic Effect: Faint²

0	5	10	15	20	30	35	40	50	55	65	70	75	80	90	95	100
V. Light			Light		LT-Med		Medium		Medium Dark		V. Dark					
1	2	3	4	5	6	7	8	9	10							
Excellent		Very Good		Good		Fair		Poor								

Clarity Grade: MI 1
 General Texture: N/A
 Reflective Texture: N/A

FL ₁	LI ₁ LI ₂	MI ₁ MI ₂	HI ₁ HI ₂	EI ₁ EI ₂ EI ₃
Free of Inclusions	Lightly Included	Moderately Included	Highly Included	Excessively Included

Cutting Grade: Very Good (3)
 Depth %: 78.0%
 Brilliance Range: 100%
 Brilliance Average: 100%
 Finish Grade: Excellent to V. Good (2-3)

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

Total Quality Index: Excellent

Comments:

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

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

Enhancement Stability Index™

Degree of Clarity Enhancement & Relative Rarity™

Christopher P. Smith, President



Identification

Origin

Enhancement

Grading

Total Quality Index