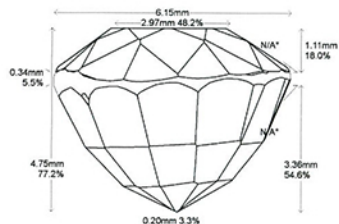




Imaging

Images do not accurately portray size or color.

Accu-Vu™ Imaging:



Comments:

General Report Comments:

Document No: 1128758 **Validation Date:** 18 January 2023

Identification

Mineral Type: Natural Corundum **Transparency:** Transparent
Variety: Ruby **Color Description:** Red

Carat Weight: 2.07 cts **Shape:** Oval
Measurements: 7.92 x 6.15 x 4.75 mm **Cutting Style:** Mixed Cut

Comments:

Identification

Color Grade: 2.5 / 85
Color / Rating Range: 2 - 3 / 80 - 85

Light Source: Duro-Test: Vita Lite
Bichroic Effect: Faint²

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|---|-----------|----|------|-------|------|----|------|----|--------|----|----|----|----|--------|----|----|----|----|-------------|--|--|--|--|---------|--|--|--|--|
| 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 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 | | | | | | | | | | | | | | | | | | | | | |

Grading

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.

Origin

Clarity Grade: LI 2 - MI 1

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

Enhancement

Standard: No gemological evidence of heat **Additional:** None

Comments: Non-heated rubies are scarce. Rubies are commonly heated to modify their color and appearance.

Enhancement

Cutting Grade: Very Good (3)
Depth %: 77.2%
Brilliance Range: 50 - 60%
Brilliance Average: 55%
Finish Grade: Excellent to V. Good (2-3)

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

TAIR

Total Quality

Index Rating: Excellent

Comments:

| | | | | | | | | | | | | | | | |
|-----------|---|-----------|---|------|---|------|---|------|----|----------------|---------------|-------|----------|--------|-------------|
| 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
 Monvee Chaipaksa, Senior Gemologist

Christopher P. Smith
 Christopher P. Smith, President

