


SOME CUTTING STYLES



Cushion Oval Triangle Pear Round

GEMMOLOGICAL SPECIFICATIONS


Mineral	Zoisite
Chem.Composition:	Ca ₂ A1 ₃ O ₁₂ (OH)
Specific Gravity	3.35
Hardness	6-7
Refractive Index	1.691 – 1.700
Birefringence	.008 - .013
Fluorescence	UV light Inert (LW/SW)
Pleochroism	Strong Trichroic
Optic character	Bi-axial positive

This certificate is the opinion of the grader at the specific time of inspection. It is not an evaluation. The customer shall have no claim against the grader, its principal, distributor or retailer for any inaccuracies or errors contained herein. Please Note: Most gemstones have been heated to improve their colour.

GRADERS
 Dr Petré Prins Ph.D.(Geochemistry) MBA Stellenbosch.
 Riana Courtis Graduate Gemologist. (GIA)

Date :

TANZANITE




representation only - not the items graded

GEMMOLOGICAL GRADING REPORT

No. 4T01099

PRINS & PRINS
GEMSTONE LABORATORY



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Member of the S.A Jewellery Council

GRADING REPORT

Identification ... **NATURAL TANZANITE**

Origin **Tanzania - Merelani Hills**

Weight **1 = 2.62 ct**

Dimensions..... **10.31 x 6.37 x 3.70 mm**

Shape **EMERALD CUT**

Colour **Hue** **BLUSH VIOLET 1**.....
 Tone **DARK**

Saturation **VIVID**

Clarity **EYE CLEAN**

Cut **VERY GOOD**

Brilliance **80%**

Final Grade **PREMIER PLUS**

EXPLANATION OF REPORT

WEIGHT: 1 carat = 200mg = 100 points

COLOUR HUE: "vB" indicates that the colour is predominantly blue, while "bV" indicates that the colour is predominantly violet.

bV1* or vB1* exceptional	bV1 or vB1 = excellent
bV2 or vB2 = very good	bV3 or vB3 = good
bV4 or vB4 = moderate	bV5 or vB5 = light

TONE: Describes the degree of darkness or lightness of the colour.

colourless -- light - medium – dark – very dark -- black
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SATURATION: Describes the intensity (strength) of the primary colour.

very light - light - moderate - strong - intense - vivid
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CLARITY: indicates the amount of internal and external blemishes visible with the trained naked eye

eye clean	slightly included	included
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CUT: Describes the quality of the gem's symmetry, polish and proportions.

very good	good	average
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BRILLIANCE : The percentage of light reflected to the eye with the stone in the face-up position.

FINAL GRADE

PREMIER PLUS – PREMIER – GOOD – AVERAGE - POOR
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