

TANZANITE



representation only - not the item graded

GEMMOLOGICAL GRADING REPORT

No. XTAN 0011

PRINS & PRINS GEMSTONE LABORATORY



Huguenot House, 66 Loop Street, Cape Town, South Africa.
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 Member of the S.A Jewellery Council

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	Biaxial 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 PS: Most gemstones have been heated to improve their colour.

GRADER

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Date :

GRADING SPECIFICATIONS

Identification... Natural Tanzanite (TANZANIA).....

Weight..... 1.87 ct.....

Dimensions..... 6.90 x 6.87 – 4.97 mm

Shape SQUARE CUSHION

Colour Hue.... BLUEISH VIOLET (bV 1).....

Tone..... DARK

Saturation INTENSE

Clarity EYE CLEAN

Cut VERY GOOD

Brilliance 70%

Final Grade PREMIER

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

SATURATION: Describes the intensity (strength) of the primary colour.

very light - light - moderate - strong - intense - vivid

CLARITY: indicates the amount of internal and external blemishes visible with the trained naked eye

eye clean slightly included included

CUT: Describes the quality of the gem's symmetry, polish and proportions

very good good average

BRILLIANCE : The percentage of light reflected to the eye in the stone's face-up position

FINAL GRADE

PREMIER PLUS – PREMIER – GOOD – AVERAGE - POOR