

SOME CUTTING STYLES



Cushion Oval Triangle Pear Round

GEMMOLOGICAL SPECIFICATIONS

Mineral	Zoisite
Chem.Composition:	$Ca_2Al_3O_{12}(OH)$
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. Please Note: Most gemstones have been heated to improve their colour.

GRADERS

Dr Petr  Prins Ph.D.(Geochemistry) MBA Stellenbosch
 Riana Courtis Graduate Gemmologist. (GIA)

Date : Sign:

TANZANITE



representation only - not the item graded

GEMMOLOGICAL GRADING REPORT

No. 4T01186

PRINS & PRINS GEMSTONE LABORATORY



Huguenot House, 66 Loop Street, Cape Town, South Africa.
www.prinsandprins.com / Tel: 021 422 1090

Member of the S.A Jewellery Council

GRADING REPORT

Identification ... **NATURAL TANZANITE**

Origin **Tanzania - Merelani Hills**

Weight **3.20 ct**

Dimensions **9.14 x 7.13 – 4.17mm**

Shape **OVAL**

Colour Hue... **Blueish Violet (bV1)**

Tone..... **DARK**

Saturation **STRONG**

Clarity **EYE CLEAN**.....

Cut**VERY GOOD**

Brilliance **80%**

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

TO NE: 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.

Excellent	very good	good	average
-----------	-----------	------	---------

BRILLIANCE : The percentage of light reflected to the eye with the gemstone in a face-up position.

FINAL GRADE

PREMIER PLUS – PREMIER – GOOD – AVERAGE - POOR