

# TANZANITE



representation only - not the item graded

## GEMMOLOGICAL GRADING REPORT No. XTAN 0012

### PRINS & PRINS GEMSTONE LABORATORY



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 Member of the S.A Jewellery Council

#### SOME CUTTING STYLES



Cushion    Oval    Triangle    Pear    Round

#### GEMMOLOGICAL SPECIFICATIONS

<b>Mineral</b>	Zoisite
<b>Chem.Composition:</b>	Ca <sub>2</sub> A <sub>13</sub> O <sub>12</sub> (OH)
<b>Specific Gravity</b>	3.35
<b>Hardness</b>	6-7
<b>Refractive Index</b>	1.691 – 1.700
<b>Birefringence</b>	.008 - .013
<b>Fluorescence</b>	UV light Inert (LW/SW)
<b>Pleochroism</b>	Strong Trichroic
<b>Optic character</b>	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**..... 1.98 ct.....

**Dimensions**..... 6.99 x 7.03 – 5.41 mm .....

**Shape** ..... SQUARE CUSHION .....

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

**Tone**.....MEDIUM - DARK .....

**Saturation** ..... INTENSE .....

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

**Cut** ..... VERY GOOD .....

**Brilliance** ..... 70% .....

**Final Grade** ..... GOOD .....

## 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