

**CUTTING STYLES**



**Cushion Oval Triangle Pear Round**

**GEMMOLOGICAL SPECIFICATIONS**

**Mineral** Zoisite  
**Chem. Composition:**  $Ca_2 Al_3(SiO_4)(Si_2O_7)O(OH)$   
**Specific Gravity** 3.35  
**Hardness** 6-7  
**Refractive Index** 1.691 – 1.700  
**Birefringence** .008 - .013  
**Fluorescence** UV light Inert (LW/SW)  
**Pliochroism** 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. No evidence of structural or chemical changes have been detected due to assumed heat treatment .

**GRADER**  
 Dr Petré Prins Ph.D Geology MBA  
 Riana Courtis G.G. (GIA)  
 Penny Murdock A.J.P., G.G. (GIA)  
 Daniel van Niekerk A.J.P., G.G. (GIA)

Date

**TANZANITE**



**GRADING CERTIFICATE**

**No. 4T00916**

**PRINS & PRINS**  
 Member of the Jewellery Council of  
 South Africa

**GRADING CERTIFICATE**

**Identification**.....Natural Tanzanite.....  
**Origin**.....Tanzania.....  
**Weight**.....17.26ct.....  
**Dimensions** ... 16.26 X 16.20 x 9.74mm .....  
**Shape** .....Round.....  
**Colour** .....violetish Blue.....  
**Saturation**.....Vivid.....  
**Clarity**.....Loupe clean.....  
**Cut** .....Excellent.....  
**Brilliance**..... 85%.....  
**Final Grade**.....Premier Plus.....

**EXPLANATION OF CERTIFICATE**

**WEIGHT** 1 carat – 200mg = 100 points  
**COLOUR (HUE)** The colour of Tanzanite is blue, violet or a combination thereof depending on the nature of the light source. The dominant colour in daylight is indicated in capitals.  
**SATURATION** Is the intensity of the colour and described as either:

Vivid	Intense	Moderate	Light	Very Light
-------	---------	----------	-------	------------

The AAA notation is an equivalent grade as used by other labs.

**CLARITY** Indicates the amount of internal and external blemishes visible with the trained naked eye

Loupe Clean	eye clean	slightly included	included
-------------	-----------	-------------------	----------

**CUT** describes the quality of the stone's symmetry, its polish and proportions

Excellent	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
--------------	---------	------	---------	------