



# Largest Independent Laboratory Network For Testing and Grading Gemstone and fine Jewellery

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## STUDED JEWELLERY ANALYSIS

Certificate No. 97193081645

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LABORATORY REPORT (ORIGINAL)

TO WHOM IT MAY CONCERN

### Description

**One 18K White Gold Ring , Weighing 1.78 g., Containing 10 Natural Diamonds**

### GROSS WT.

NA

### SHAPE/CUT

Round Brilliant Cut

### DIAMOND WT.

0.21 Cts

### MIN. COLOR

H - I

### MIN. CLARITY

SI

### FINISH

Very Good

### COMMENTS

Grading & Identification of origin as mounting permits. Screened for CVD/HPHT & Synthetics.

### DESIGN NO.

AL2402137



Photo Approx.

CLARITY: Internally Flawless VVS1 VVS2 VS1 VS2 SI1 SI2 I1 I2 I3

COLOR GRADE: D E F G H I J K L M N O P Q R S-Z FANCY COLOR

### SHAPES OF DIAMOND:



Round



Oval



Princess



Cushion



Marquise



Pear



Emerald



Radiant



Heart



Trillion

### WEIGHT CALCULATION FOR ROUND BRILLIANT CUT

WEIGHT IN CARAT	0.03	0.05	0.07	0.10	0.15	0.20	0.25	0.33	0.40	0.50	0.65	0.75	0.85	1.00	1.25	1.50	1.75	2.00	2.25	2.50	3.00	4.00	5.00	6.00	7.00	8.00
DIAMETER IN MM	2.0	2.5	2.7	3.0	3.4	3.8	4.1	4.4	4.8	5.2	5.6	5.9	6.2	6.5	7.0	7.4	7.8	8.2	8.6	9.0	9.3	10.2	11.0	11.7	12.4	13.0

PROPORTION - MARGIN: 1% MEASUREMENT - MARGIN: 0.02mm



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*Swanand Deshmane*

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Gemologist

The gemological analysis of diamonds, precious stones and other minerals must be carried out by gemologists with many years experience in this fields who have a keen sense of the professional code of ethics governing their work as well as a through knowledge of crystallographic, optical and physical phenomenom. The identification of the various species and varieties of stones, the distinction between natural and synthetic material, as well as various treatment method currently encountered are all very sensitive factors. More specifically for diamonds, the laws of refraction and dispersion of light, the related geometric data as well as knowledge of all aspects involved in the cutting process are essential.

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