

GEMMOLOGICAL REPORT

Report Number

17110040

Colour Grade

G

Date

20 November 2017

Clarity Grade

VS 2

Weight

0.58 ct

Cut Grade excellent

Shape

round

Polish

very good

Cut

brilliant cut

Symmetry

excellent

Measurements

5.38 - 5.41 x 3.30 mm

Fluorescence

none

Depth / Table

61.2% 57%

Clarity characteristics

feathers, bruise, pinpoint

Girdle

medium to slightly thick, faceted

Identification

Natural diamond

Culet

none

Diamond Type

Ia

Comments

Girdle inscription: GIA1172049062

Important notes and limitations on the reverse.

Annette Widemann-Wong

Pierre Hardy





INFORMATION SHEET

to Report No. 17110040

Diamond type

Diamonds are classified into two fundamental groups based on the relative presence or absence of nitrogen incorporated into the crystal structure, as determined by the infrared spectrum. Type I diamonds contain appreciable concentrations of nitrogen, whereas type II diamonds are chemically very pure and do not reveal infrared absorption characteristics related to nitrogen.

A further separation of these two groups includes type Ia (nitrogen atoms present in pairs or groups), type Ib (isolated nitrogen atoms), type IIa (no measurable traces of nitrogen) and type IIb (traces of boron).

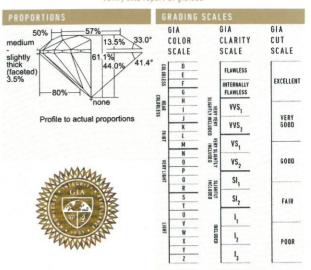
When extremely small amounts of nitrogen or boron are detected by the presence of a very small infrared absorption feature, such diamonds are still considered as being type IIa since they display similar characteristics and have essentially the same properties. These are therefore designated as "nominal type IIa".



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