

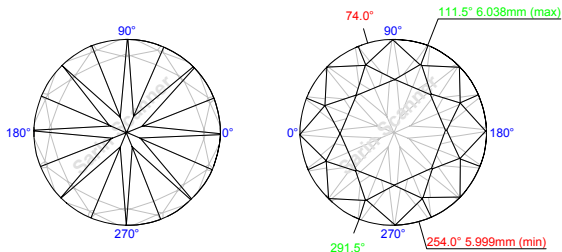
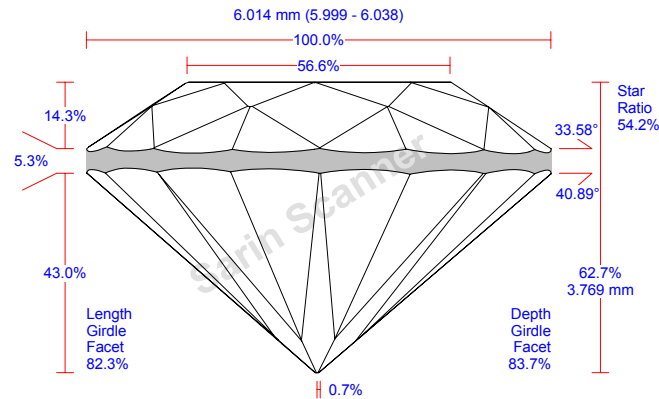
DIAMCALC ILLUSTRATED REPORT

Polished Brilliant

Model: Sample Sarin Model
 Expert name: Sample Expert Name
 Report date: 12/09/2006
 Real weight, ct: 0.86
 Calculated weight, ct: 0.86, 0.8662
 Measurements, mm: 6.014 (5.999-6.038) x 3.769 /0.007
 Spread: -0.05 ct, -6.74%

Average values, mm

| Total height | Crown height | Pavilion depth | Table | Culet | Girdle | | |
|--------------|--------------|----------------|-------|-------|--------|-------|--------|
| | | | | | Bezel | Bone | Valley |
| 3.769 | 0.862 | 2.586 | 3.405 | 0.041 | 0.319 | 0.321 | 0.225 |



Appraiser title: AGS_2005
 Overall cut quality: 3
 Overall symmetry quality: PR

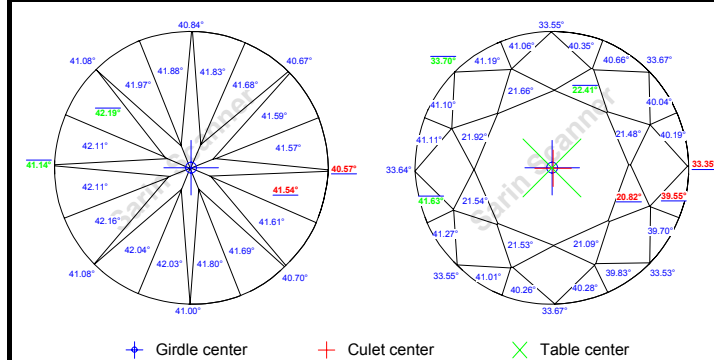
| Symmetry | Polish | Color | Clarity | Fluorescence |
|----------|--------|-------|---------|--------------|
| | | | | |

| Parameter | Avg | Min | Max | Dev | Cut | Sym |
|--------------------------------------|--------------|--------------|--------------|-------|-----|-----|
| Diameter, mm | 6.014 | 5.999 | 6.038 | 0.65% | N/A | EX |
| Crown angle, ° | 33.58 | 33.35 | 33.70 | 0.35 | N/A | EX |
| Pavilion angle, ° | 40.89 | 40.57 | 41.14 | 0.58 | N/A | EX |
| Total height, % | 62.66 | | | | N/A | - |
| Crown height, % | 14.33 | 14.00 | 14.58 | 0.58 | N/A | EX |
| Pavilion depth, % | 43.00 | 42.69 | 43.28 | 0.59 | N/A | EX |
| Table, % | 56.61 | 56.25 | 56.85 | 0.59 | N/A | EX |
| Culet, % | 0.68 | 0.54 | 0.80 | 0.26 | 0 | EX |
| Girdle Bezel, % | 5.30 | 4.91 | 5.93 | 1.02 | 3 | EX |
| Girdle Bone, % | 5.34 | 4.76 | 5.63 | 0.87 | - | EX |
| Girdle Valley, % | 3.74 | 3.24 | 4.09 | 0.85 | 0 | EX |
| Star: Upper ratio, % | 54.18: 45.82 | 51.53: 48.47 | 55.60: 44.40 | 4.07 | - | - |
| Star angle, ° | 21.56 | 20.82 | 22.41 | 1.59 | | VG |
| Upper girdle angle, ° | 40.58 | 39.55 | 41.63 | 2.08 | - | GD |
| Lower girdle angle / Halves angle, ° | 41.86 | 41.54 | 42.19 | 0.65 | - | EX |
| Twist, ° | 0.74 | 0.01 | 1.66 | 1.65 | - | EX |
| Crown height, mm | 0.862 | 0.842 | 0.877 | 0.035 | - | - |
| Pavilion depth, mm | 2.586 | 2.568 | 2.603 | 0.035 | - | - |
| Table, mm | 3.405 | 3.383 | 3.419 | 0.036 | - | - |
| Culet, mm | 0.041 | 0.033 | 0.048 | 0.016 | - | - |
| Girdle Bezel, mm | 0.319 | 0.295 | 0.357 | 0.061 | - | - |
| Girdle Bone, mm | 0.321 | 0.286 | 0.339 | 0.053 | - | - |
| Girdle Valley, mm | 0.225 | 0.195 | 0.246 | 0.051 | - | - |

Measurement as per OctoNus theory:

| | | | | | | |
|------------------------------|-------|-------|-------|------|-----|---|
| Crown angle, ° | 33.58 | 33.50 | 33.62 | 0.12 | - | - |
| Pavilion angle, ° | 40.89 | 40.86 | 40.92 | 0.06 | - | - |
| Fish eye effect, ° | | | 8.65 | | N/A | - |
| Culet through Crown Bezel, ° | | | 10.59 | | N/A | - |

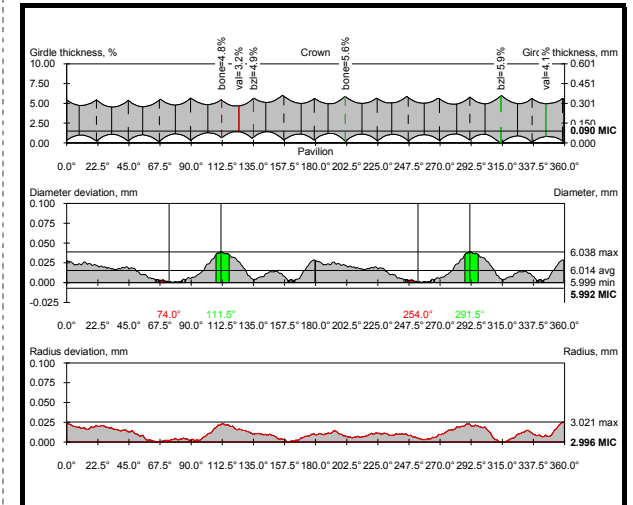
| Parameter, ° | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Pav. azimuths deviation from ideal | 0.00 | -0.47 | -0.06 | -0.30 | -1.28 | 0.01 | 0.34 | -1.73 |
| Crown azimuths deviation from ideal | -0.17 | -0.47 | -0.37 | -0.95 | -0.74 | -1.65 | -1.18 | -0.64 |
| Crown painting | -0.32 | -0.14 | 0.39 | 0.29 | -0.42 | -0.66 | -0.52 | -0.85 |
| Pavilion painting | -0.81 | 0.14 | -0.02 | 0.12 | -0.19 | -0.06 | -0.64 | -0.16 |
| | 0.12 | 0.55 | -0.18 | 0.49 | -1.63 | -0.10 | 0.34 | 1.46 |



| | Offset by table axis | |
|--------------|----------------------|-------------------|
| Girdle-Culet | 0.37 ± 0.20, % | 0.023 ± 0.012, mm |
| Girdle-Table | 0.12 ± 0.18, % | 0.007 ± 0.011, mm |
| Table-Culet | 0.44 ± 0.22, % | 0.026 ± 0.013, mm |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 6.027 | 6.017 | 6.005 | 6.004 | | | | |
| 33.64 | 33.70 | 33.55 | 33.67 | 33.35 | 33.53 | 33.67 | 33.55 |
| 40.57 | 40.67 | 40.84 | 41.08 | 41.14 | 41.08 | 41.00 | 40.70 |
| | | | | | | | |
| 14.36 | 14.58 | 14.32 | 14.32 | 14.38 | 14.32 | 14.34 | 14.00 |
| 42.93 | 42.99 | 43.06 | 43.28 | 43.08 | 42.99 | 43.01 | 42.69 |
| 56.55 | 56.25 | 56.78 | 56.85 | | | | |
| | | | | | | | |
| 5.36 | 5.10 | 5.31 | 4.91 | 5.21 | 5.33 | 5.26 | 5.93 |
| 5.18 | 5.24 | 4.76 | 5.52 | 5.63 | 5.48 | 5.39 | 5.52 |
| 3.73 | 3.41 | 3.50 | 3.59 | 3.53 | 3.24 | 3.71 | 3.85 |
| 3.74 | 3.87 | 3.97 | 3.97 | 3.75 | 3.80 | 4.05 | 4.09 |
| 55.60: 44.40 | 55.21: 44.79 | 53.61: 46.39 | 54.59: 45.41 | 51.53: 48.47 | 53.08: 46.92 | 54.98: 45.02 | 54.82: 45.18 |
| 21.92 | 21.66 | 22.41 | 21.48 | 20.82 | 21.09 | 21.53 | 21.54 |
| 41.11 | 41.10 | 41.19 | 41.06 | 40.35 | 40.66 | 40.04 | 40.19 |
| 39.55 | 39.70 | 39.83 | 40.28 | 40.26 | 41.01 | 41.27 | 41.63 |
| 41.57 | 41.59 | 41.68 | 41.83 | 41.88 | 41.97 | 42.19 | 42.11 |
| 42.11 | 42.16 | 42.04 | 42.03 | 41.80 | 41.69 | 41.61 | 41.54 |
| 0.17 | 0.01 | 0.31 | 0.65 | 0.55 | 1.66 | 1.53 | 1.09 |
| 0.864 | 0.877 | 0.861 | 0.861 | 0.865 | 0.861 | 0.862 | 0.842 |
| 2.582 | 2.585 | 2.590 | 2.603 | 2.591 | 2.586 | 2.587 | 2.568 |
| 3.401 | 3.383 | 3.415 | 3.419 | | | | |
| | | | | | | | |
| 0.323 | 0.307 | 0.320 | 0.295 | 0.313 | 0.320 | 0.316 | 0.357 |
| 0.312 | 0.315 | 0.286 | 0.332 | 0.339 | 0.330 | 0.324 | 0.332 |
| 0.224 | 0.205 | 0.211 | 0.216 | 0.212 | 0.195 | 0.223 | 0.232 |
| 0.225 | 0.233 | 0.239 | 0.239 | 0.226 | 0.229 | 0.243 | 0.246 |

| | | | | | | | |
|-------------------|-------|-------|-------|--|--|--|--|
| 33.50 | 33.62 | 33.61 | 33.61 | | | | |
| 40.86 | 40.87 | 40.92 | 40.89 | | | | |
| Extra Facet / Nat | No | | | | | | |
| Girdle to MIC, mm | 0.007 | | | | | | |



| Paint / Dug | Avg | Max | Type |
|-------------------|-------------|-------|------|
| Crown, ° | -0.26 | 1.89 | |
| Crown, notches | 0.1, Absent | 0.5 | |
| Pavilion, ° | -0.03 | -1.63 | |
| Pavilion, notches | 0.0, Absent | 0.4 | |