

| no. | [X, Y, Z] <sub>g9</sub> | [L*, C*, a*] <sub>h</sub> | Fain  | no.   | [X, Y, Z] <sub>g9</sub> | [L*, C*, a*] <sub>h</sub> | Fain | no.  | [X, Y, Z] <sub>g9</sub> | [L*, C*, a*] <sub>h</sub> | Fain | no.   | [X, Y, Z] <sub>g9</sub> | [L*, C*, a*] <sub>h</sub> | Fain | no.  | [X, Y, Z] <sub>g9</sub> | [L*, C*, a*] <sub>h</sub> | Fain  | no.   | [X, Y, Z] <sub>g9</sub> | [L*, C*, a*] <sub>h</sub> | Fain | no.   | [X, Y, Z] <sub>g9</sub> | [L*, C*, a*] <sub>h</sub> | Fain  | no.  | [X, Y, Z] <sub>g9</sub> | [L*, C*, a*] <sub>h</sub> | Fain  | no.  | [X, Y, Z] <sub>g9</sub> | [L*, C*, a*] <sub>h</sub> | Fain |      |      |       |      |       |       |     |      |      |       |      |       |       |
|-----|-------------------------|---------------------------|-------|-------|-------------------------|---------------------------|------|------|-------------------------|---------------------------|------|-------|-------------------------|---------------------------|------|------|-------------------------|---------------------------|-------|-------|-------------------------|---------------------------|------|-------|-------------------------|---------------------------|-------|------|-------------------------|---------------------------|-------|------|-------------------------|---------------------------|------|------|------|-------|------|-------|-------|-----|------|------|-------|------|-------|-------|
| 1   | 1.1                     | 1.1                       | 1.4   | 0.0   | 0.0                     | 0.0                       | 82   | 5.0  | 3.1                     | 1.4                       | 15.1 | 44.1  | 36.1                    | 163                       | 8.4  | 4.8  | 1.5                     | 22.6                      | 58.6  | 41.7  | 244                     | 11.6                      | 6.5  | 1.5   | 27.7                    | 68.8                      | 44.0  | 325  | 14.2                    | 7.8                       | 1.6   | 31.2 | 75.7                    | 45.2                      | 406  | 16.9 | 9.2  | 1.6   | 34.3 | 82.1  | 46.1  | 487 | 21.5 | 11.6 | 1.7   | 38.8 | 91.3  | 47.1  |
| 2   | 2.3                     | 1.5                       | 1.7   | 0.4   | 0.58                    | 306.3                     | 83   | 6.2  | 3.5                     | 8.2                       | 17.0 | 48.1  | 32.61                   | 164                       | 9.6  | 5.2  | 1.7                     | 23.5                      | 60.3  | 35.16 | 245                     | 12.8                      | 6.8  | 8.4   | 28.7                    | 54.3                      | 1.2   | 326  | 15.4                    | 8.2                       | 8.4   | 32.0 | 58.0                    | 49.7                      | 407  | 18.2 | 9.6  | 8.5   | 35.1 | 62.0  | 11.6  | 488 | 24.8 | 12.0 | 8.5   | 39.4 | 68.3  | 47.1  |
| 3   | 4.0                     | 1.9                       | 1.7   | 2.4   | 65.3                    | 310.3                     | 84   | 7.0  | 4.0                     | 17.6                      | 16.0 | 48.1  | 32.61                   | 165                       | 11.3 | 5.7  | 1.7                     | 23.5                      | 60.3  | 35.16 | 246                     | 14.5                      | 7.3  | 17.7  | 30.0                    | 64.5                      | 339.1 | 327  | 17.1                    | 8.7                       | 17.8  | 33.2 | 58.2                    | 34.5                      | 408  | 19.9 | 10.1 | 17.9  | 36.1 | 66.6  | 34.0  | 489 | 24.8 | 12.5 | 18.0  | 40.4 | 69.5  | 35.6  |
| 4   | 28.3                    | 12.3                      | 99.1  | 309.5 | 85                      | 16.2                      | 4.6  | 29.2 | 21.9                    | 16.0                      | 13.4 | 29.5  | 27.7                    | 80.4                      | 32.2 | 24.7 | 16.6                    | 8.0                       | 20.6  | 16.6  | 247                     | 16.6                      | 8.0  | 20.6  | 16.6                    | 32.2                      | 328   | 19.3 | 9.7                     | 34.7                      | 32.2  | 58.2 | 34.5                    | 409                       | 24.8 | 12.5 | 18.0 | 40.4  | 69.5 | 35.6  |       |     |      |      |       |      |       |       |
| 5   | 8.4                     | 3.4                       | 41.9  | 16.5  | 110.6                   | 309.7                     | 86   | 12.4 | 5.4                     | 42.6                      | 24.5 | 99.7  | 314.2                   | 167                       | 15.8 | 7.1  | 42.8                    | 29.5                      | 94.6  | 318.5 | 248                     | 19.0                      | 8.8  | 42.8  | 33.4                    | 91.6                      | 322.5 | 329  | 21.7                    | 10.2                      | 42.9  | 36.1 | 90.0                    | 325.6                     | 410  | 24.5 | 11.6 | 43.0  | 38.8 | 88.9  | 328.7 | 491 | 29.0 | 13.9 | 43.1  | 42.6 | 88.1  | 33.4  |
| 6   | 10.2                    | 4.0                       | 52.0  | 19.4  | 117.6                   | 309.7                     | 87   | 14.2 | 6.0                     | 52.6                      | 26.6 | 108.3 | 314.2                   | 168                       | 17.6 | 7.8  | 52.7                    | 30.1                      | 103.2 | 316.6 | 249                     | 20.8                      | 9.4  | 52.9  | 34.7                    | 99.9                      | 319.9 | 330  | 23.5                    | 10.8                      | 53.0  | 37.3 | 98.1                    | 322.5                     | 411  | 26.2 | 12.2 | 53.1  | 39.8 | 96.7  | 325.2 | 492 | 30.8 | 14.5 | 53.2  | 46.6 | 95.3  | 32.9  |
| 7   | 12.2                    | 4.7                       | 63.2  | 22.1  | 125.0                   | 309.2                     | 88   | 16.2 | 6.7                     | 63.8                      | 28.4 | 116.3 | 312.2                   | 169                       | 19.6 | 8.5  | 64.0                    | 32.6                      | 111.5 | 315.2 | 250                     | 22.9                      | 10.1 | 64.1  | 36.1                    | 108.1                     | 317.9 | 331  | 25.5                    | 11.5                      | 64.2  | 38.6 | 106.2                   | 320.1                     | 412  | 28.3 | 12.9 | 64.3  | 41.0 | 104.5 | 322.4 | 493 | 32.9 | 15.2 | 64.5  | 44.6 | 102.6 | 326.0 |
| 8   | 15.6                    | 5.9                       | 82.0  | 26.2  | 134.5                   | 308.7                     | 89   | 19.6 | 7.9                     | 82.7                      | 31.5 | 127.5 | 311.2                   | 170                       | 23.0 | 9.7  | 82.8                    | 35.3                      | 122.8 | 313.5 | 251                     | 26.2                      | 11.4 | 82.9  | 38.4                    | 119.5                     | 315.9 | 332  | 28.9                    | 12.7                      | 83.0  | 40.7 | 117.5                   | 317.4                     | 413  | 31.7 | 14.2 | 83.1  | 43.0 | 115.5 | 319.3 | 494 | 36.2 | 16.5 | 83.1  | 46.3 | 113.2 | 322.2 |
| 9   | 20.0                    | 7.6                       | 106.4 | 30.6  | 145.0                   | 308.3                     | 90   | 23.9 | 9.6                     | 106.4                     | 35.0 | 138.5 | 310.2                   | 171                       | 27.3 | 11.3 | 106.5                   | 38.3                      | 134.6 | 312.1 | 252                     | 30.5                      | 13.0 | 106.6 | 41.1                    | 131.5                     | 313.8 | 333  | 33.1                    | 14.3                      | 106.6 | 43.2 | 129.2                   | 315.2                     | 414  | 35.9 | 15.8 | 106.6 | 45.3 | 127.3 | 316.7 | 495 | 40.5 | 18.1 | 106.7 | 48.4 | 124.8 | 319.1 |
| 10  | 3.5                     | 6.2                       | 1.9   | 27.1  | 61.4                    | 134.2                     | 91   | 7.4  | 8.3                     | 2.0                       | 32.2 | 53.2  | 98.2                    | 172                       | 10.8 | 10.0 | 2.0                     | 35.9                      | 59.4  | 82.0  | 253                     | 14.0                      | 11.7 | 2.1   | 39.0                    | 66.6                      | 73.6  | 334  | 16.7                    | 13.1                      | 2.1   | 41.3 | 72.3                    | 69.3                      | 415  | 19.5 | 14.5 | 2.1   | 43.5 | 78.0  | 66.1  | 496 | 24.1 | 16.9 | 2.2   | 46.9 | 86.7  | 62.7  |
| 11  | 4.7                     | 6.7                       | 8.6   | 28.2  | 25.4                    | 181.3                     | 92   | 8.6  | 8.7                     | 8.8                       | 33.1 | 7.8   | 81.6                    | 173                       | 12.1 | 10.5 | 8.8                     | 36.7                      | 20.2  | 43.9  | 254                     | 15.3                      | 12.1 | 8.9   | 39.7                    | 30.6                      | 38.6  | 335  | 17.9                    | 13.5                      | 8.9   | 41.9 | 37.7                    | 37.7                      | 416  | 20.7 | 14.9 | 9.0   | 44.1 | 44.4  | 37.2  | 497 | 25.4 | 17.3 | 9.1   | 47.4 | 53.9  | 37.3  |
| 12  | 6.3                     | 7.2                       | 17.8  | 29.6  | 25.3                    | 251.1                     | 93   | 10.3 | 9.2                     | 18.1                      | 34.2 | 19.8  | 305.5                   | 174                       | 13.7 | 11.0 | 18.2                    | 37.4                      | 24.6  | 335.7 | 255                     | 17.0                      | 12.6 | 18.3  | 40.6                    | 30.7                      | 35.0  | 336  | 19.6                    | 14.0                      | 18.3  | 42.9 | 37.6                    | 35.8                      | 417  | 22.5 | 15.5 | 18.4  | 44.9 | 40.6  | 3.6   | 498 | 27.1 | 17.8 | 18.5  | 48.1 | 60.8  | 9.8   |
| 13  | 8.5                     | 7.9                       | 29.4  | 31.3  | 42.4                    | 280.4                     | 94   | 12.5 | 9.9                     | 29.9                      | 35.7 | 40.9  | 302.5                   | 175                       | 15.9 | 11.7 | 30.0                    | 39.0                      | 42.2  | 317.1 | 256                     | 19.2                      | 13.4 | 30.1  | 41.8                    | 42.3                      | 327.5 | 337  | 21.8                    | 14.7                      | 30.2  | 43.8 | 46.8                    | 334.3                     | 418  | 24.6 | 16.2 | 30.3  | 45.9 | 49.2  | 340.3 | 499 | 29.2 | 18.5 | 30.4  | 49.0 | 53.6  | 348.0 |
| 14  | 10.8                    | 8.6                       | 42.5  | 33.0  | 59.9                    | 290.6                     | 95   | 14.9 | 10.7                    | 43.1                      | 37.2 | 58.7  | 303.5                   | 176                       | 18.3 | 12.5 | 43.3                    | 40.9                      | 58.7  | 311.8 | 257                     | 21.6                      | 14.1 | 43.4  | 42.9                    | 59.3                      | 318.7 | 338  | 24.2                    | 15.5                      | 43.5  | 45.0 | 60.0                    | 323.6                     | 419  | 27.0 | 16.9 | 43.6  | 46.9 | 61.3  | 328.4 | 500 | 31.6 | 19.3 | 43.7  | 49.9 | 63.5  | 335.0 |
| 15  | 12.6                    | 9.2                       | 52.5  | 34.3  | 70.9                    | 294.2                     | 96   | 16.6 | 11.3                    | 53.1                      | 38.3 | 69.5  | 303.3                   | 177                       | 20.1 | 13.1 | 53.3                    | 43.1                      | 69.1  | 310.0 | 258                     | 23.4                      | 14.8 | 53.5  | 43.9                    | 68.9                      | 315.5 | 339  | 26.0                    | 16.1                      | 53.5  | 45.8 | 69.2                    | 319.6                     | 420  | 28.8 | 17.5 | 53.6  | 47.7 | 69.8  | 323.5 | 501 | 33.4 | 19.9 | 53.8  | 50.7 | 71.0  | 329.2 |
| 16  | 14.7                    | 9.9                       | 63.7  | 35.7  | 81.6                    | 296.9                     | 97   | 18.7 | 12.0                    | 64.4                      | 39.5 | 80.1  | 303.8                   | 178                       | 22.1 | 13.8 | 64.6                    | 42.4                      | 78.9  | 308.9 | 259                     | 25.4                      | 15.5 | 64.7  | 44.9                    | 78.4                      | 313.4 | 340  | 28.1                    | 16.8                      | 64.8  | 46.8 | 78.4                    | 316.8                     | 421  | 30.9 | 18.2 | 64.9  | 48.6 | 78.6  | 320.1 | 502 | 35.4 | 20.6 | 65.0  | 51.5 | 78.7  | 324.9 |
| 17  | 18.1                    | 11.2                      | 82.6  | 38.1  | 96.2                    | 299.3                     | 98   | 22.1 | 13.3                    | 83.2                      | 41.6 | 94.3  | 304.2                   | 179                       | 25.5 | 15.0 | 83.4                    | 44.3                      | 93.0  | 308.0 | 260                     | 28.8                      | 16.7 | 83.5  | 46.6                    | 91.9                      | 313.1 | 341  | 31.5                    | 18.1                      | 83.6  | 48.4 | 91.4                    | 313.9                     | 422  | 34.3 | 19.5 | 83.6  | 50.2 | 91.0  | 316.4 | 503 | 38.9 | 21.9 | 83.8  | 52.9 | 90.7  | 320.4 |
| 18  | 22.5                    | 12.9                      | 106.9 | 41.0  | 111.1                   | 301.0                     | 99   | 26.4 | 14.9                    | 106.9                     | 44.1 | 108.6 | 304.2                   | 180                       | 29.8 | 16.7 | 107.0                   | 46.6                      | 106.8 | 307.2 | 261                     | 33.1                      | 18.4 | 107.1 | 48.8                    | 105.7                     | 309.8 | 342  | 35.7                    | 19.7                      | 107.1 | 50.5 | 104.8                   | 311.8                     | 423  | 38.5 | 21.2 | 107.2 | 52.1 | 104.3 | 313.8 | 504 | 43.1 | 23.5 | 107.2 | 54.7 | 103.5 | 317.0 |
| 19  | 6.0                     | 11.6                      | 2.4   | 38.9  | 79.6                    | 132.0                     | 100  | 9.9  | 13.7                    | 2.5                       | 42.2 | 69.9  | 112.3                   | 181                       | 13.3 | 15.4 | 2.6                     | 44.9                      | 69.8  | 99.4  | 262                     | 16.6                      | 17.1 | 2.6   | 47.2                    | 72.6                      | 90.4  | 343  | 19.2                    | 18.5                      | 2.7   | 48.9 | 75.7                    | 84.9                      | 424  | 22.1 | 20.0 | 2.7   | 50.7 | 79.5  | 80.2  | 505 | 26.7 | 22.3 | 2.7   | 53.4 | 85.9  | 74.8  |
| 20  | 7.2                     | 12.1                      | 9.1   | 39.7  | 45.6                    | 156.4                     | 101  | 11.2 | 14.2                    | 9.3                       | 43.0 | 30.5  | 129.3                   | 182                       | 14.6 | 15.9 | 9.4                     | 45.5                      | 28.6  | 101.6 | 263                     | 17.9                      | 17.6 | 9.4   | 47.8                    | 32.2                      | 82.6  | 344  | 20.5                    | 19.0                      | 9.5   | 49.5 | 36.6                    | 72.7                      | 425  | 23.4 | 20.5 | 9.5   | 51.3 | 41.7  | 65.7  | 506 | 28.0 | 22.8 | 9.6   | 53.9 | 49.8  | 58.7  |
| 21  | 8.9                     | 12.6                      | 18.3  | 40.6  | 29.1                    | 190.1                     | 102  | 12.9 | 14.7                    | 18.6                      | 43.8 | 10.0  | 179.8                   | 183                       | 16.3 | 16.5 | 18.7                    | 46.3                      | 4.7   | 69.7  | 264                     | 19.6                      | 18.2 | 18.8  | 48.5                    | 13.3                      | 38.2  | 345  | 22.2                    | 19.5                      | 18.9  | 50.2 | 19.9                    | 34.0                      | 426  | 25.1 | 21.0 | 19.0  | 51.9 | 26.2  | 32.7  | 507 | 29.7 | 23.4 | 19.0  | 54.5 | 35.5  | 31.8  |
| 22  | 11.0                    | 13.4                      | 29.9  | 41.7  | 28.1                    | 237.3                     | 103  | 15.0 | 15.4                    | 30.5                      | 44.8 | 18.8  | 270.2                   | 184                       | 18.5 | 17.2 | 30.6                    | 47.3                      | 17.6  | 304.3 | 265                     | 21.8                      | 18.9 | 30.7  | 49.4                    | 20.6                      | 328.4 | 346  | 24.4                    | 20.3                      | 30.7  | 51.1 | 24.3                    | 34.1                      | 427  | 27.2 | 21.7 | 30.8  | 52.7 | 28.5  | 349.9 | 508 | 31.8 | 24.1 | 30.9  | 55.5 | 35.3  | 35.9  |
| 23  | 13.4                    | 14.1                      | 43.1  | 42.9  | 38.8                    | 266.0                     | 104  | 17.4 | 16.2                    | 43.7                      | 45.9 | 35.4  | 285.9                   | 185                       | 20.9 | 18.0 | 43.9                    | 48.3                      | 35.1  | 301.3 | 266                     | 24.1                      | 19.7 | 44.0  | 50.3                    | 36.2                      | 313.2 | 347  | 26.8                    | 21.0                      | 44.1  | 52.0 | 37.8                    | 321                       |      |      |      |       |      |       |       |     |      |      |       |      |       |       |