

**Sulfur On The Tie, Found In 21,955 Different Particles In 2,424 Configurations (50 Most Common)**

| Overall Rank | 1st | 2nd | 3rd | 4th | 1st Avg Wt | 2nd Avg Wt | 3rd Avg Wt | 4th Avg Wt | 5th+ Avg Wt | Number |
|--------------|-----|-----|-----|-----|------------|------------|------------|------------|-------------|--------|
| 10           | Ca  | Ni  | Si  | S   | 92%        | 4%         | 2%         | 1%         | 1%          | 794    |
| 25           | Ca  | S   | Ni  | Si  | 60%        | 33%        | 4%         | 2%         | 2%          | 501    |
| 35           | Ca  | Si  | S   |     | 96%        | 2%         | 1%         | 0%         | 0%          | 396    |
| 45           | Ca  | Al  | Si  | S   | 85%        | 8%         | 3%         | 2%         | 2%          | 341    |
| 56           | Si  | Al  | Ca  | S   | 51%        | 22%        | 10%        | 6%         | 12%         | 259    |
| 60           | Ca  | Si  | Al  | S   | 73%        | 11%        | 6%         | 4%         | 6%          | 247    |
| 72           | Ca  | Ni  | S   | Si  | 90%        | 5%         | 2%         | 2%         | 1%          | 221    |
| 74           | Ca  | S   | Si  |     | 69%        | 29%        | 1%         | 0%         | 0%          | 221    |
| 79           | Ca  | S   |     |     | 68%        | 32%        | 0%         | 0%         | 0%          | 211    |
| 84           | Ca  | Si  | Ni  | S   | 85%        | 6%         | 4%         | 2%         | 3%          | 204    |
| 91           | Ca  | S   | Ni  | Al  | 56%        | 36%        | 4%         | 2%         | 1%          | 186    |
| 92           | Ca  | Si  | S   | Mg  | 88%        | 5%         | 3%         | 2%         | 2%          | 186    |
| 93           | S   | K   | Na  | Ca  | 42%        | 33%        | 14%        | 6%         | 5%          | 186    |
| 103          | Ca  | S   | Si  | Al  | 53%        | 26%        | 8%         | 5%         | 7%          | 174    |
| 105          | Ca  | Si  | S   | Al  | 66%        | 12%        | 7%         | 5%         | 10%         | 172    |
| 106          | Si  | Al  | Fe  | S   | 50%        | 21%        | 11%        | 6%         | 13%         | 171    |
| 110          | Ca  | S   | Si  | Na  | 67%        | 27%        | 3%         | 1%         | 1%          | 167    |
| 114          | Ca  | S   | Ni  |     | 54%        | 41%        | 4%         | 0%         | 0%          | 160    |
| 115          | Ca  | S   | Al  | Si  | 56%        | 32%        | 6%         | 3%         | 3%          | 159    |
| 116          | K   | S   | Ca  | Na  | 43%        | 35%        | 13%        | 5%         | 4%          | 158    |
| 117          | Si  | Ca  | Al  | S   | 44%        | 19%        | 12%        | 8%         | 18%         | 158    |
| 119          | Ca  | S   | Si  | K   | 64%        | 20%        | 6%         | 4%         | 6%          | 156    |
| 121          | Ca  | K   | S   | P   | 61%        | 18%        | 11%        | 5%         | 6%          | 153    |
| 131          | Ca  | S   | Si  | Ni  | 57%        | 28%        | 6%         | 4%         | 5%          | 146    |
| 132          | S   | K   | Ca  | Na  | 39%        | 32%        | 16%        | 7%         | 6%          | 146    |
| 137          | Ca  | S   | Ni  | Na  | 58%        | 35%        | 4%         | 1%         | 1%          | 144    |
| 138          | Si  | K   | Al  | S   | 48%        | 24%        | 15%        | 5%         | 9%          | 144    |
| 140          | Si  | Mg  | Al  | S   | 47%        | 27%        | 11%        | 5%         | 10%         | 141    |
| 143          | K   | S   | Na  | Ca  | 46%        | 37%        | 9%         | 4%         | 4%          | 135    |
| 144          | Ca  | S   | Al  | Ni  | 53%        | 34%        | 7%         | 3%         | 2%          | 134    |
| 145          | K   | S   | Ca  | Si  | 38%        | 30%        | 17%        | 6%         | 9%          | 134    |
| 147          | Ca  | S   | Si  | Mg  | 67%        | 25%        | 4%         | 2%         | 2%          | 133    |
| 149          | Si  | Fe  | Al  | S   | 47%        | 17%        | 12%        | 7%         | 17%         | 133    |
| 156          | K   | S   | Ca  | Ni  | 41%        | 32%        | 17%        | 5%         | 5%          | 127    |
| 160          | Si  | Al  | Ni  | S   | 57%        | 32%        | 5%         | 2%         | 4%          | 125    |
| 165          | Ca  | K   | S   | Si  | 63%        | 15%        | 10%        | 5%         | 8%          | 120    |
| 166          | Ca  | S   | Al  |     | 60%        | 36%        | 4%         | 0%         | 0%          | 120    |
| 181          | Fe  | Si  | Al  | S   | 63%        | 15%        | 8%         | 4%         | 10%         | 113    |
| 182          | Si  | Al  | K   | S   | 47%        | 24%        | 11%        | 6%         | 12%         | 113    |
| 192          | Ca  | Si  | S   | K   | 64%        | 12%        | 7%         | 5%         | 11%         | 104    |
| 196          | Ca  | Al  | S   | Si  | 81%        | 9%         | 4%         | 3%         | 3%          | 101    |
| 204          | Ca  | P   | Si  | S   | 56%        | 29%        | 6%         | 3%         | 6%          | 96     |
| 207          | Ca  | S   | K   | Si  | 59%        | 22%        | 7%         | 4%         | 7%          | 95     |
| 219          | Ca  | Si  | S   | Na  | 93%        | 3%         | 2%         | 1%         | 1%          | 89     |
| 221          | Ca  | P   | S   | Si  | 56%        | 31%        | 5%         | 3%         | 5%          | 88     |
| 222          | Si  | Al  | S   | Ca  | 55%        | 23%        | 7%         | 5%         | 11%         | 88     |
| 225          | Ca  | Si  | S   | P   | 91%        | 4%         | 2%         | 1%         | 2%          | 87     |
| 227          | Si  | Ca  | S   | Al  | 46%        | 17%        | 11%        | 8%         | 18%         | 87     |
| 231          | Si  | Al  | Pd  | S   | 43%        | 30%        | 11%        | 5%         | 11%         | 85     |
| 236          | Ba  | S   | Ni  | Si  | 77%        | 17%        | 3%         | 1%         | 1%          | 83     |