



## Poly(dimethylsiloxane) for Ammonia CI

*Disclaimer: These data are for informational use only. No guarantees are made for the accuracy of the data presented.*

*Introduced via: Direct probe or reference inlet (low-boiling fractions)*

*Data courtesy of Dr. Andrew Tyler, Harvard University*

| Exact Mass   | Composition                                                      |
|--------------|------------------------------------------------------------------|
| 18.03437416  | NH <sub>4</sub>                                                  |
| 35.06092328  | N <sub>2</sub> H <sub>7</sub>                                    |
| 52.08747239  | N <sub>3</sub> H <sub>10</sub>                                   |
| 90.07390285  | C <sub>3</sub> H <sub>12</sub> SiN                               |
| 164.09269611 | C <sub>5</sub> H <sub>18</sub> Si <sub>2</sub> NO                |
| 238.11148938 | C <sub>7</sub> H <sub>24</sub> Si <sub>3</sub> NO <sub>2</sub>   |
| 312.13028264 | C <sub>9</sub> H <sub>30</sub> Si <sub>4</sub> NO <sub>3</sub>   |
| 386.1490759  | C <sub>11</sub> H <sub>36</sub> Si <sub>5</sub> NO <sub>4</sub>  |
| 460.16786916 | C <sub>13</sub> H <sub>42</sub> Si <sub>6</sub> NO <sub>5</sub>  |
| 534.18666242 | C <sub>15</sub> H <sub>48</sub> Si <sub>7</sub> NO <sub>6</sub>  |
| 608.20545569 | C <sub>17</sub> H <sub>54</sub> Si <sub>8</sub> NO <sub>7</sub>  |
| 682.22424895 | C <sub>19</sub> H <sub>60</sub> Si <sub>9</sub> NO <sub>8</sub>  |
| 756.24304221 | C <sub>21</sub> H <sub>66</sub> Si <sub>10</sub> NO <sub>9</sub> |

| Exact Mass    | Composition                                                        |
|---------------|--------------------------------------------------------------------|
| 830.26183547  | C <sub>23</sub> H <sub>72</sub> Si <sub>11</sub> NO <sub>10</sub>  |
| 904.28062873  | C <sub>25</sub> H <sub>78</sub> Si <sub>12</sub> NO <sub>11</sub>  |
| 978.29942200  | C <sub>27</sub> H <sub>84</sub> Si <sub>13</sub> NO <sub>12</sub>  |
| 1052.31821526 | C <sub>29</sub> H <sub>90</sub> Si <sub>14</sub> NO <sub>13</sub>  |
| 1126.33700852 | C <sub>31</sub> H <sub>96</sub> Si <sub>15</sub> NO <sub>14</sub>  |
| 1200.35580178 | C <sub>33</sub> H <sub>102</sub> Si <sub>16</sub> NO <sub>15</sub> |
| 1274.37459504 | C <sub>35</sub> H <sub>108</sub> Si <sub>17</sub> NO <sub>16</sub> |