

附 录 A  
(资料性附录)  
硫酸浓度与密度对照

硫酸浓度与密度对照见表 A.1。

表 A.1 硫酸浓度与密度对照表

| H <sub>2</sub> SO <sub>4</sub><br>(质量分数, %) | 密 度, g/cm <sup>3</sup> |        |        |        |        |        |        |        |        |
|---|------------------------|--------|--------|--------|--------|--------|--------|--------|--------|
|   | 0℃                     | 5℃     | 10℃    | 15℃    | 20℃    | 25℃    | 30℃    | 40℃    | 50℃    |
| 15  | 1.1116                 | 1.1093 | 1.1069 | 1.1045 | 1.1020 | 1.0994 | 1.0968 | 1.0914 | 1.0857 |
| 16  | 1.1194                 | 1.1170 | 1.1145 | 1.1120 | 1.1091 | 1.1067 | 1.1040 | 1.0985 | 1.0927 |
| 17  | 1.1272                 | 1.1247 | 1.1221 | 1.1195 | 1.1168 | 1.1141 | 1.1113 | 1.1057 | 1.0998 |
| 18  | 1.1351                 | 1.1325 | 1.1298 | 1.1271 | 1.1243 | 1.1215 | 1.1137 | 1.1129 | 1.1070 |
| 19  | 1.1430                 | 1.1403 | 1.1375 | 1.1347 | 1.1318 | 1.1290 | 1.1261 | 1.1202 | 1.1142 |
| 20  | 1.1510                 | 1.1481 | 1.1453 | 1.1424 | 1.1394 | 1.1365 | 1.1335 | 1.1275 | 1.1215 |
| 21  | 1.1590                 | 1.1560 | 1.1531 | 1.1501 | 1.1471 | 1.1441 | 1.1410 | 1.1349 | 1.1288 |
| 22  | 1.1670                 | 1.1640 | 1.1609 | 1.1579 | 1.1548 | 1.1517 | 1.1486 | 1.1424 | 1.1362 |
| 23  | 1.1751                 | 1.1720 | 1.1688 | 1.1657 | 1.1626 | 1.1594 | 1.1563 | 1.1500 | 1.1437 |
| 24  | 1.1832                 | 1.1800 | 1.1768 | 1.1736 | 1.1704 | 1.1672 | 1.1640 | 1.1576 | 1.1512 |
| 25  | 1.1914                 | 1.1881 | 1.1848 | 1.1816 | 1.1783 | 1.1750 | 1.1718 | 1.1653 | 1.1588 |
| 26  | 1.1996                 | 1.1962 | 1.1928 | 1.1896 | 1.1862 | 1.1829 | 1.1796 | 1.1730 | 1.1665 |
| 27  | 1.2078                 | 1.2044 | 1.2010 | 1.1976 | 1.1942 | 1.1909 | 1.1875 | 1.1808 | 1.1742 |
| 28  | 1.2160                 | 1.2126 | 1.2091 | 1.2057 | 1.2023 | 1.1989 | 1.1955 | 1.1887 | 1.1820 |
| 29  | 1.2243                 | 1.2208 | 1.2173 | 1.2138 | 1.2104 | 1.2069 | 1.2035 | 1.1966 | 1.1898 |
| 30  | 1.2326                 | 1.2291 | 1.2255 | 1.2220 | 1.2185 | 1.2150 | 1.2115 | 1.2046 | 1.1977 |
| 31  | 1.2409                 | 1.2374 | 1.2338 | 1.2302 | 1.2267 | 1.2232 | 1.2196 | 1.2126 | 1.2057 |
| 32  | 1.2493                 | 1.2457 | 1.2421 | 1.2385 | 1.2349 | 1.2314 | 1.2278 | 1.2207 | 1.2137 |
| 33  | 1.2577                 | 1.2541 | 1.2504 | 1.2468 | 1.2432 | 1.2396 | 1.2360 | 1.2289 | 1.2218 |
| 34  | 1.2661                 | 1.2625 | 1.2588 | 1.2552 | 1.2515 | 1.2479 | 1.2443 | 1.2371 | 1.2300 |
| 35  | 1.2746                 | 1.2709 | 1.2672 | 1.2636 | 1.2599 | 1.2563 | 1.2526 | 1.2454 | 1.2383 |
| 36  | 1.2831                 | 1.2794 | 1.2757 | 1.2720 | 1.2684 | 1.2647 | 1.2610 | 1.2538 | 1.2466 |
| 37  | 1.2917                 | 1.2883 | 1.2843 | 1.2805 | 1.2769 | 1.2732 | 1.2695 | 1.2622 | 1.2550 |
| 38  | 1.3004                 | 1.2966 | 1.2920 | 1.2891 | 1.2855 | 1.2818 | 1.2870 | 1.2707 | 1.2635 |
| 39  | 1.3091                 | 1.3053 | 1.3016 | 1.2978 | 1.2941 | 1.2904 | 1.2866 | 1.2793 | 1.2720 |
| 40  | 1.3199                 | 1.3141 | 1.3103 | 1.3065 | 1.3028 | 1.2991 | 1.2953 | 1.2880 | 1.2806 |