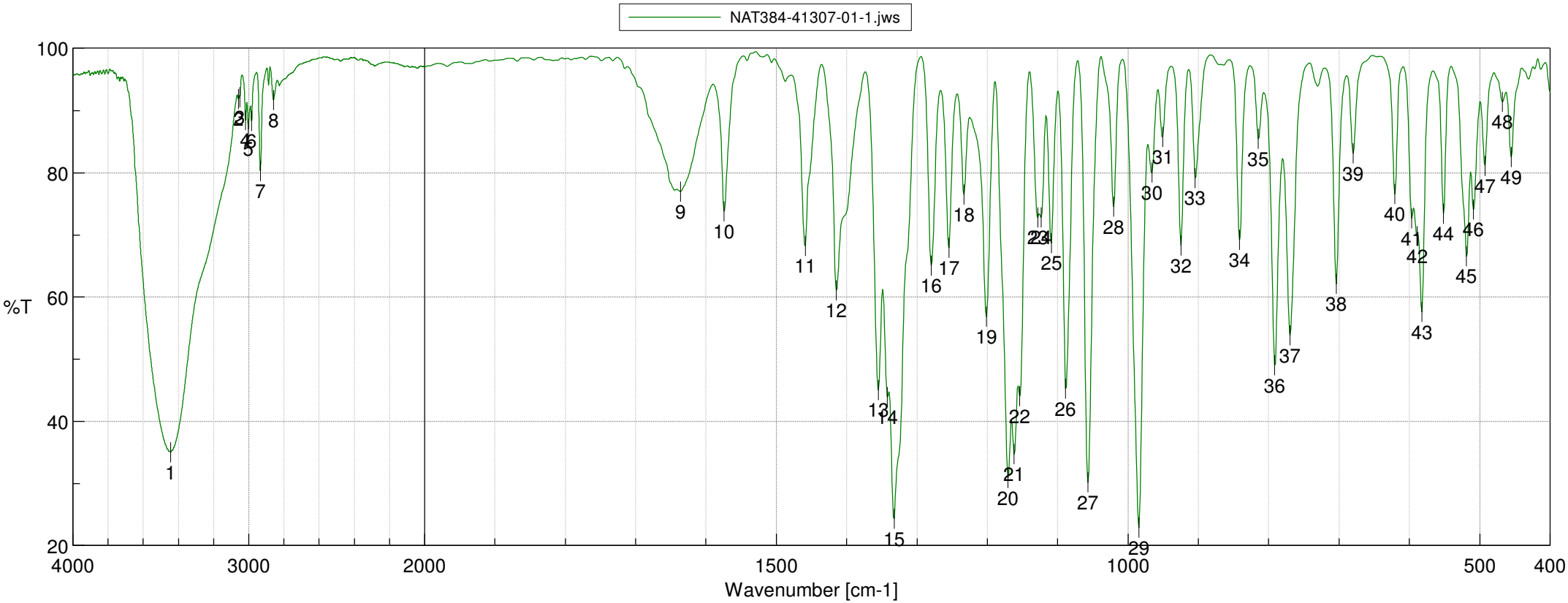



[Comments]

| | |
|---|---|
| Sample name | NAT384-41307-01 |
| Comment | in KBr |
| User | |
| Division | |
| Company | Univ. Leipzig, Org. Chemie |

[Detailed Information]

| | |
|---|---|
| Creation date | 10.06.2021 08:40 |
| Data array type | Linear data array |
| Horizontal axis | Wavenumber [cm-1] |
| Vertical axis | %T |
| Start | 349.053 cm-1 |
| End | 7800.65 cm-1 |
| Data interval | 0.964233 cm-1 |
| Data points | 7729 |

[Measurement Information]

| | |
|---|---|
| Model Name | FT/IR-4100typeA |
| Serial Number | C188161016 |
| Measurement Date | 10.06.2021 08:38 |
| Light Source | Standard |
| Detector | TGS |
| Accumulation | Auto (18) |
| Resolution | 4 cm-1 |
| Zero Filling | On |
| Apodization | Cosine |
| Gain | Auto (2) |
| Aperture | Auto (7.1 mm) |
| Scanning Speed | Auto (2 mm/sec) |
| Filter | Auto (30000 Hz) |

Results of Peak Find

| No. | Position | Intensity | No. | Position | Intensity | No. | Position | Intensity |
|---|---|---|---|---|---|---|---|---|
| 1 | 3444.24 | 34.9904 | 2 | 3058.55 | 91.7911 | 3 | 3050.83 | 92.0652 |
| 4 | 3018.05 | 88.3871 | 5 | 3001.66 | 86.9775 | 6 | 2983.34 | 88.2616 |
| 7 | 2934.16 | 80.2439 | 8 | 2859.92 | 91.6576 | 9 | 1636.3 | 76.9022 |
| 10 | 1574.59 | 73.7436 | 11 | 1458.89 | 68.1589 | 12 | 1414.53 | 61.0031 |
| 13 | 1354.75 | 44.9556 | 14 | 1342.21 | 43.8766 | 15 | 1332.57 | 24.2772 |
| 16 | 1279.54 | 64.9961 | 17 | 1254.47 | 67.8349 | 18 | 1233.25 | 76.4318 |
| 19 | 1201.43 | 56.8334 | 20 | 1170.58 | 30.8526 | 21 | 1161.9 | 34.6938 |
| 22 | 1154.19 | 44.0315 | 23 | 1128.15 | 72.7209 | 24 | 1123.33 | 72.7376 |
| 25 | 1108.87 | 68.6232 | 26 | 1088.62 | 45.2022 | 27 | 1056.8 | 30.123 |
| 28 | 1020.16 | 74.475 | 29 | 984.482 | 22.8294 | 30 | 966.162 | 79.984 |
| 31 | 950.734 | 85.6904 | 32 | 924.7 | 68.2133 | 33 | 904.451 | 79.1155 |
| 34 | 841.776 | 69.114 | 35 | 814.777 | 85.4306 | 36 | 791.636 | 48.9576 |
| 37 | 769.458 | 53.8204 | 38 | 703.89 | 62.0609 | 39 | 679.785 | 83.0934 |
| 40 | 620.966 | 76.5155 | 41 | 596.861 | 72.5759 | 42 | 589.147 | 69.7096 |
| 43 | 582.397 | 57.5755 | 44 | 551.542 | 73.3761 | 45 | 518.758 | 66.515 |
| 46 | 509.115 | 74.0283 | 47 | 492.723 | 81.0298 | 48 | 467.653 | 91.3363 |
| 49 | 455.118 | 82.4931 | | | | | | |