

solution

| Contêiner | Caixa | Cilindro | Peso do cilindro (g) | Volume do cilindro (mL) |
|-----------|-------|----------|----------------------|-------------------------|
| A | LB_1 | 1 | 294 | 140.0 |
| B | LB_2 | 3 | 977 | 101.14 |
| B | LB_2 | 8 | 605 | 80.13 |
| B | LB_3 | 10 | 194 | 24.01 |
| C | LB_4 | 12 | 182 | 44.39 |
| C | LB_4 | 13 | 116 | 30.53 |
| D | LB_7 | 18 | 156 | 18.08 |
| F | LB_8 | 28 | 191 | 24.58 |
| H | LB_10 | 39 | 5 | 0.65 |
| I | LB_12 | 49 | 505 | 50.65 |
| I | LB_12 | 53 | 956 | 531.11 |
| J | LB_13 | 58 | 5 | 0.71 |
| K | LB_15 | 61 | 74 | 8.46 |
| K | LB_15 | 65 | 159 | 82.38 |
| K | LB_15 | 72 | 55 | 33.13 |
| L | LB_16 | 77 | 5 | 0.7 |
| L | LB_16 | 90 | 5 | 1.37 |
| M | LB_17 | 96 | 757 | 296.86 |
| M | LB_18 | 111 | 878 | 280.51 |
| N | LB_19 | 127 | 32 | 3.66 |
| O | LB_20 | 131 | 307 | 307.0 |
| O | LB_20 | 135 | 110 | 75.86 |
| O | LB_20 | 136 | 442 | 193.86 |
| O | LB_20 | 138 | 999 | 114.96 |
| P | LB_21 | 142 | 277 | 268.93 |
| P | LB_21 | 147 | 18 | 5.83 |
| P | LB_21 | 150 | 999 | 209.87 |
| Q | LB_22 | 155 | 21 | 3.7 |
| R | LB_23 | 160 | 62 | 17.82 |
| R | LB_23 | 165 | 32 | 5.73 |
| S | LB_24 | 174 | 331 | 41.07 |
| T | LB_25 | 182 | 216 | 90.0 |

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|-----------|-------|-----|-----|--------|
| T | LB_26 | 186 | 203 | 29.34 |
| U | LB_27 | 196 | 140 | 20.14 |
| U | LB_28 | 200 | 999 | 657.24 |
| V | LB_29 | 201 | 36 | 10.91 |
| V | LB_29 | 202 | 18 | 5.86 |
| X | LB_30 | 206 | 358 | 50.0 |
| X | LB_30 | 214 | 189 | 19.13 |
| Y | LB_32 | 223 | 340 | 36.4 |
| Z | LB_33 | 230 | 12 | 1.28 |
| Z | LB_33 | 232 | 69 | 8.96 |
| AB | LB_37 | 238 | 999 | 108.35 |
| AB | LB_38 | 239 | 343 | 78.67 |
| AC | LB_39 | 247 | 307 | 39.31 |
| AD | LB_40 | 257 | 71 | 35.5 |
| AD | LB_41 | 259 | 176 | 115.79 |
| AF | LB_43 | 272 | 303 | 35.11 |
| AF | LB_43 | 274 | 5 | 0.52 |
| AG | LB_44 | 284 | 5 | 0.74 |
| AI | LB_46 | 298 | 200 | 95.24 |
| AI | LB_46 | 299 | 152 | 16.58 |
| AJ | LB_48 | 311 | 5 | 0.77 |
| AL | LB_51 | 328 | 295 | 45.74 |
| AM | LB_52 | 345 | 787 | 115.91 |
| AN | LB_54 | 360 | 27 | 6.6 |
| AN | LB_54 | 361 | 57 | 14.47 |
| AN | LB_54 | 374 | 999 | 128.57 |
| AN | LB_55 | 376 | 312 | 41.94 |
| AN | LB_55 | 377 | 38 | 4.76 |
| AN | LB_55 | 378 | 999 | 120.94 |
| AO | LB_56 | 398 | 7 | 2.79 |
| AQ | LB_59 | 408 | 423 | 227.42 |
| AQ | LB_59 | 411 | 5 | 1.03 |