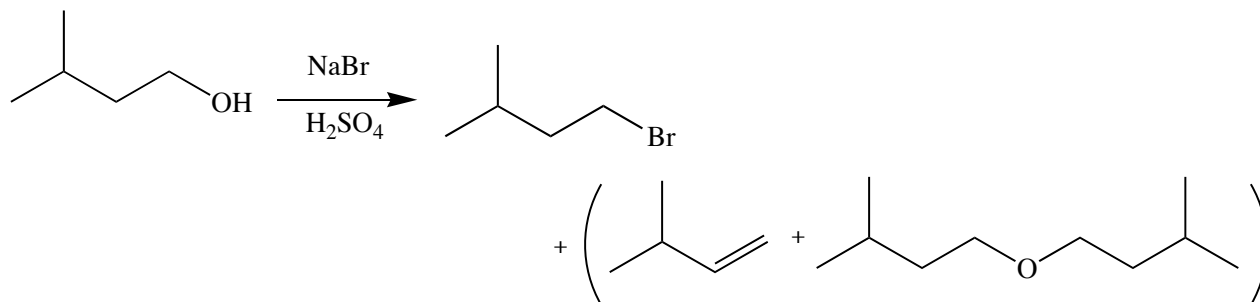


Sample Table of Reagents, Products, and By-products.

(note that this is simply an example and uses a different reaction than yours)



Reagents

| Reagent | MW | Density | BP (°C) | Wt used (g) | mmoles theory | mmoles used |
|--------------------------------|-------|---------|---------|-------------|---------------|-------------|
| 3-methyl-1-butanol | 88.2 | .809 | 129 | 0.900 | 10.2 | 10.2 |
| NaBr | 102.9 | - | - | 1.18 | 10.2 | 11.5 |
| H ₂ SO ₄ | 98.1 | 1.84 | - | 1.96 | 10.2 | 20 |

Products and By-products

| | | | BP(°C) | BP(°C) | Theoretical Yield | Theoretical Yield | Found | Found |
|------------------------|-------|---------|--------|--------|-------------------|-------------------|-------|-------|
| Compound | MW | Density | actual | found | mmoles | g | g | % |
| 1-bromo-3-methylbutane | 151.0 | 1.207 | 120.4 | | 10.2 | 1.54 (100%) | | |
| 3-methyl-1-butene | | | 20 | | | | | |
| isobutyl ether | | | 124 | | | | | |

(* note that “found” is what is actually determined in the experiment)