

C3H8O3=92.09  
HNO3=63.01

C6H10O5=162.14  
H2SO4=98.08

C5H12O4=136.15  
H2O=18.02

### Nitroglycerin

10g C3H8O3 + 27g HNO3 + 45g H2SO4  
12.20% 32.93% 54.88%

C3H8O3 + 4HNO3 + 4H2SO4  
12.50% 34.22% 53.27%

### Nitropenta (PETN)

11.1g C5H12O4 + 56.0g HNO3  
16.54% C5H12O4 83.46% HNO3

C5H12O4 + 11HNO3  
16.42% 83.58%

### Nitrocellulose

#### Kollodium (Dinitrat)

10g C6H10O5 + 110g HNO3 + 315g H2SO4 + 75g H2O  
1.96% 21.57% 61.76% 14.71%

C6H10O5 + 28HNO3 + 50H2SO4 + 64H2O  
2.03% 22.10% 61.43% 14.45%

#### Schiesswolle (Trinitrat)

10g C6H10O5 + 110g HNO3 + 345g H2SO4 + 45g H2O  
1.96% 21.57% 67.65% 8.82%

C6H10O5 + 27HNO3 + 54H2SO4 + 37H2O  
2.07% 21.74% 67.67% 8.52%