| | A | B | C | D | E | F | G | H | I | J | K |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | CHEMICAL EQUATION BALANCING | | | | | | | | | | |
| 2 | REACTANTS | | RESULT | a | b | c | d | e | f | [A] | [C] |
| 3 | H2O2 | a | =F25 | 2 | 0 | 2 | 0 | 0 | -2 | H | 0 |
| 4 | K2Cr2O7 | b | =F26 | 0 | 2 | 0 | 0 | -2 | 0 | K | 0 |
| 5 | H2SO4 | c | =F27 | 2 | 7 | 4 | -5 | -4 | -1 | O | 0 |
| 6 | | | | 0 | 2 | 0 | -1 | 0 | 0 | Cr | 0 |
| 7 | | | | 0 | 0 | 1 | 0 | -1 | 0 | S | 0 |
| 8 | | | | 0 | 0 | 0 | 0 | 0 | 1 | x | 1 |
| 9 | | | | | | | | | | | |
| 10 | PRODUCTS | | | | | | | | | | |
| 11 | CrO5 | d | =F28 | | | | | | | | |
| 12 | K2SO4 | e | =F29 | | | | | | | | |
| 13 | H20 | f | =F30 | | | | | | | | |
| 14 | | | | | | | | | | | |
| 15 | | | | | | | | | | | |
| 16 | | | | | | | | | | | |
| 17 | RESULT | | | | | | | | | | [C] |
| 18 | | | | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | | 0 |
| 19 | | | | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | | 0 |
| 20 | | | | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | | 0 |
| 21 | | | | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | | 0 |
| 22 | | | | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | | 0 |
| 23 | | | | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | {=MINVERSE(D3:I8)} | | 1 |
| 24 | | | | | | | | | | | |
| 25 | | | a | {=MMULT(D18:I23;K18:K23)} | =MIN(D25:D30) | =D25/E$25 | | | | | |
| 26 | | | b | {=MMULT(D18:I23;K18:K23)} | | =D26/E$25 | | | | | |
| 27 | | | c | {=MMULT(D18:I23;K18:K23)} | | =D27/E$25 | | | | | |
| 28 | | | d | {=MMULT(D18:I23;K18:K23)} | | =D28/E$25 | | | | | |
| 29 | | | e | {=MMULT(D18:I23;K18:K23)} | | =D29/E$25 | | | | | |
| 30 | | | f | {=MMULT(D18:I23;K18:K23)} | | =D30/E$25 | | | | | |
| 31 | | | | | | | | | | | |