# Orange Juice Composition

* In order to change the sweetness perception, the amount of the sugar is gradually increased from 1 g. to 5g. per 100 ml orange juice formulation. All other ingredients were kept in same concentration.

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| --- | --- | --- | --- | --- |
| **Samples** | **Concentrated Orange juice (mL)** | **Sugar**  **(gram)** | **Citric Acid**  **(gram)** | **Water**  **(ml)** |
| Reference | 20 | 0 | 0.3 | 80 |
| X1 | 20 | 1 | 0.3 | 80 |
| X2 | 20 | 2 | 0.3 | 80 |
| X3 | 20 | 3 | 0.3 | 80 |
| X4 | 20 | 4 | 0.3 | 80 |
| X5 | 20 | 5 | 0.3 | 80 |

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| --- | --- | --- | --- | --- |
| **Samples** | **Concentrated Orange juice (mL)** | **Sugar**  **(gram)** | **Citric Acid**  **(gram)** | **Water**  **(ml)** |
| Reference | 20 | 2.5 | 0 | 80 |
| y1 | 20 | 2.5 | 0.1 | 80 |
| y2 | 20 | 2.5 | 0.2 | 80 |
| y3 | 20 | 2.5 | 0.3 | 80 |
| y4 | 20 | 2.5 | 0.4 | 80 |
| y5 | 20 | 2.5 | 0.5 | 80 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Samples** | **Concentrated Orange juice (mL)** | **Sugar**  **(gram)** | **Citric Acid**  **(gram)** | **Water**  **(ml)** |
| Reference | 20 | 2.5 | 0.3 | 80 |
| z1 | 23 | 2.5 | 0.3 | 77 |
| z2 | 26 | 2.5 | 0.3 | 74 |
| z3 | 29 | 2.5 | 0.3 | 71 |
| z4 | 32 | 2.5 | 0.3 | 68 |
| z5 | 35 | 2.5 | 0.3 | 65 |