# Record 12A: measuring pH to validate your acidification process

**Use this record to validate your process. Validation must be repeated if your process or formulation changes, and for new flavours**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Product name (flavour):** | | |  | | | | | | | | |
| **pH drop timeframe?** | | |  | | | | | | | | |
| **Test #** | **Batch ID** | **Date and time fermentation initiated** | | **pH meter calibration – daily** | | **pH check after pH drop** | | | | **pH of finished product** | |
| **Reading for pH 4.0 buffer** | **Reading for pH 7.0 buffer** | **Date and time of pH check** | **Check pH** | **Time between initiation and 1 pH check?** | **Corrective action (if pH is above 4.6)** | **Final check pH** | **Corrective action (if pH is above 4.6)** |
| 1 |  |  | |  |  |  |  |  |  |  |  |
| 2 |  |  | |  |  |  |  |  |  |  |  |
| 3 |  |  | |  |  |  |  |  |  |  |  |
| 4 |  |  | |  |  |  |  |  |  |  |  |
| 5 |  |  | |  |  |  |  |  |  |  |  |
| Have you achieved compliant results for five concurrent batches of your product?  Yes, or no? If no, you will need to repeat the validation process. | | | | | | | | | | | |

# Record 12B – monthly ongoing pH measurement to confirm your process is still working

**Repeat your pH testing at least once a month, testing is to be undertaken for each flavour variant**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Product name/flavour** | | |  | | | | | | | |
| **Batch ID** | **Date and time fermentation initiated** | **pH meter calibration -–daily** | | | **pH check after pH drop** | | | | **pH of finished product** | |
| **Reading for pH 4.0 buffer** | | **Reading for pH 7.0 buffer** | **Date and time of pH check** | **pH of sample** | **Time between initiation and pH check?** | **Corrective action (if pH is above 4.6)** | **pH of sample** | **Corrective action (if pH is above 4.6)** |
|  |  |  | |  |  |  |  |  |  |  |
|  |  |  | |  |  |  |  |  |  |  |
|  |  |  | |  |  |  |  |  |  |  |
|  |  |  | |  |  |  |  |  |  |  |
|  |  |  | |  |  |  |  |  |  |  |
|  |  |  | |  |  |  |  |  |  |  |
|  |  |  | |  |  |  |  |  |  |  |