Table : Test Results

Anova to see if there is a difference in the microbial counts found in the samples across all farms. No significance recorded

1. **Ecoli**
2. **Klebsiella pneumoniae**
3. **Salmonella choleraesuis**
4. **Pseudomonas aeruginosa**
5. **Acinetobacter spp.**
6. **Stenotrophomonas maltophilia**
7. **Yersinia pestis**
8. **Pasteurella spp.**
9. **Raoultella ornitholytica**

| Source of Variation | Degrees of Freedom | sumsq | meansq | F-Statistic | P-Value*1* |
| --- | --- | --- | --- | --- | --- |
| farm | 4 | 32.33950 | 8.084874 | 0.6737395 | 0.634 |
| Sample | 6 | 34.73959 | 5.789932 | 0.4824943 | 0.802 |
| farm:Sample | 17 | 182.80327 | 10.753133 | 0.8960944 | 0.606 |
| Residuals | 6 | 72.00000 | 12.000000 | NA | NA |
| *1*Significance codes: \*\*\* p < 0.001; \*\* p < 0.01; \* p < 0.05 | | | | | |