As an engineering expert witness, I had the opportunity to analyze 44 samples of air particulates across Lorea facilities to determine whether Plúr Air's filtration systems were performing up to the guaranteed levels. We analyzed the collected data using a statistical method that allowed us to make predictions with a 95% confidence level. Our findings revealed that Plúr Air's filtration systems were likely not meeting the performance standards they guaranteed. Our analysis provided crucial evidence that supported Lorea Bread Company's the claim that Plúr Air's systems were underperforming. This evidence will aid the judge in determining the outcome of the case.