

# Frequently Used Charting and Graphing Options in the 3M™ Petrifilm™ Plate Manager

## Overview

The 3M™ Petrifilm™ Plate Manager allows users to create charts and graphs that can be stored internally or exported to better maintain visibility on one's data. Knowing what you can and cannot do with the data is critical to making valuable charts and graphs in the 3M™ Petrifilm™ Plate Manager. In order to simplify this process, the below tables have suggested uses for bar graphs, line graphs, multi-line graphs and pie charts.

Table 1.

### Suggested uses for bar graphs or line graphs

Chart Functionality	X Axis	Y Axis
Number of 3M™ Petrifilm™ Plates by type tested over a period of time	Date	Number of Plates
CFU/g (or CFU/mL) from multiple 3M™ Petrifilm™ Plate types for a single sample	Plate Type	Calculated Result
CFU/g (or CFU/mL) for 1 plate type over time for a given food	Date	Calculated Result
CFU/g (or CFU/mL) across multiple sample ID's	Sample ID	Calculated Result

Table 2.

### Suggested uses for multi-line graphs

Chart Functionality	X Axis	Y Axis	Line Data
CFU/g (or CFU/mL) for multiple sample ID's and multiple plate types	Sample ID	Calculated Result	Plate Type
CFU/g (or CFU/mL) across multiple dates and multiple plate types	Date	Calculated Result	Plate Type

Table 3.

### Suggested uses for pie charts

Chart Functionality	X Axis	Y Axis
Number of 3M™ Petrifilm™ Plates by type tested over a period of time	Plate Type	Select data points from select period of time
Number of 3M™ Petrifilm™ Plates enumerated by all users over a period of time	Enumerated by	Select data points from select period of time
Number of 3M™ Petrifilm™ Plates enumerated by a single user over a period of time	Plate Type	Select data points from select period of time and 1 user
Show the status of test results from a given product specification	Status	Select data specific to a single product specification



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