

**Corning Incorporated
Life Sciences**

Registered
ISO 9001:2008

Product Description

Catalog Number: 3702

Product Description: Corning® 384-well, non-treated plate, flat bottom, without lid

Component Materials:

Plate - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures.

Product Dimensions:

Length of Plate	- 5.030 in.	Width of Square Well @ Top	- .143 in.
Width of Plate	- 3.365 in.	Width of Square Well @ Bottom	- .105 in.
Depth of Well	- .450 in.	Height	- .560 in.
Tolerances of Dimensions	- +/- .010 in.	Working Volume per well	- 20 µl to 75 µl

Surface Characterization:

Surface is characterized to be medium binding. Binding capacity is approximately 250 ng IgG/cm².

Optical Characteristics:

The product is made of clear polystyrene to allow background absorbance to be $\pm .005$ optical density units from the mean.

Binding Characteristics:

The product has been tested for the attribute of well to well protein binding utilizing a modified ELISA to measure precision. Coefficient of variation must be $\leq 10\%$.

Performance Testing:

Each manufacturing lot is sampled and tested in accordance with Standard Operating Procedures.

Visual Attributes: Visual examination of the product.

Packaging: Inspection for accurate labeling, and correct product configuration.

Lot Number Designation:

8 Digit Lot Number: First 3 digits - Julian date, start of manufacturing; Next 2 digits - Year of manufacture; Last 3 digits - Batch identification.

Rev No: 3