

**Corning Incorporated
Life Sciences**

**Registered
ISO 9001:2008**

Product Description

Catalog Number: 3724

Product Description: Corning® 1536-well, non-treated, solid black plate, flat bottom

Component Materials:

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

Product Dimensions:

Length of Plate	-	5.030 in.	Width of Square Well @ Top	-	.067 in.
Width of Plate	-	3.365 in.	Width of Square Well @ Bottom	-	.0035 in./0.022cm sq
Depth of Well	-	.197 in.	Plate Height	-	.410 in.
Tolerances of Dimensions	-	+/- .010 in.	Recommended working volume per well is	-	- up to 10 µl

Total well volume - 12.2µl

Surface Characterization:

Surface is non-treated and hydrophobic.

Optical Characteristics:

The product is made of opaque black polystyrene walls to minimize well to well crosstalk and background fluorescence.

Binding Characteristics:

The product has been tested for the attribute of uniform well to well protein binding utilizing a fluorescent assay.

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: 2