

**Corning Incorporated
Life Sciences**

Registered
ISO 9001:2008

Product Description

Catalog Number: 2507

Product Description: Costar ® 96 well, CARBO-BIND™ plate, flat bottom, without lid

Component Materials:

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

Surface - Hydrazide

Product Dimensions:

Length of Plate	-	5.030 in.	Diameter of Well @ top	-	.270 in.
Width of Plate	-	3.365 in.	Diameter of Well @ bottom	-	.250 in.
Depth of Well	-	.420 in.	Height	-	.560 in.
Tolerances of Dimensions	-	+/- .010 in.	Working Volume per well	-	.36 ml

Surface Characterization:

Surface is comprised of 1×10^{14} Hydrazide reactive sites per cm^2 .

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:

Each lot has been tested for the attribute of well-to-well covalent binding sodium m-periodate activated alkaline phosphatase. Ratio of covalent/passive binding must be ≥ 3.0 with a binding precision of $\leq 15\%$ CV.

Performance Testing:

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

Visual Attributes: Visual and microscopic examination of the product.

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

Functional: Tested for covalent binding of sodium m-periodate activated alkaline phosphatase.

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