

**Corning Incorporated
Life Sciences**

**Registered
ISO 9001:2008**

Product Description

Catalog Number: 2508

Product Description: Costar® 1 x 8 Stripwell™, CARBO-BIND™ plate, flat bottom, without lid

Component Materials:

- Strips - Virgin Polystyrene, meets *USP, Class VI* requirements for plastic containers and closures.
- Holder - Polystyrene, Heavy metal free (meets *CONEG* req.) color concentrate.
- Surface - Hydrazide

Product Dimensions:

- | | | | | | |
|--------------------------|---|--------------|---------------------------|---|----------|
| Length of Plate | - | 5.025 in. | Diameter of Well @ top | - | .270 in. |
| Width of Plate | - | 3.370 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 of 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.

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|--------------------|---|
| Visual Attributes: | Visual and microscopic examination of the product. |
| Packaging: | Inspection for accurate labeling, and correct product configuration. |
| Functional: | Tested for precise 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: 4