Corning Inco Life Scie <u>Register</u> ISO 9001:	nces ed Product Description
Catalog Number:	3632
Product Description:	Costar $^{\ensuremath{ extsf{e}}}$ 96-well, non-treated, white plate with clear flat bottom, without lid
Component Materials:Plate walls-Plate bottom-	Virgin Polystyrene, meets <i>USP, Class VI</i> requirements for plastic containers and closures. White concentrate Virgin Polystyrene, meets <i>USP, Class VI</i> requirements for plastic containers and closures.
Product Dimensions: Length of Plate Width of Plate Depth of Well Tolerances of Dimensions	<ul> <li>5.030 in.</li> <li>3.365 in.</li> <li>.420 in.</li> <li>+/010 in.</li> </ul> Diameter of Well @ top270 in. Diameter of Well @250 in. bottom <ul> <li>Diameter of Well @250 in. bottom</li> <li>Height without Lid560 in</li> <li>.36 mL</li> </ul>

# Surface Characterization:

Surface is characterized to be medium binding.

## **Binding Characteristics:**

The product has been tested for the attribute of well to well protein binding utilizing a luminescent immunoassay to measure precision. Coefficient of variation must be  $\leq 8\%$ .

#### **Optical Characteristics:**

The product is made of opaque white polystyrene walls to minimize well to well crosstalk and background fluorescence and /or luminescence. The bottom is made of clear polystyrene to allow visual clarity for optical density or bottom read fluorescent / luminescent measurements.

# 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.

# 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.

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