

**Corning Incorporated  
Life Sciences**

**Registered**  
ISO 9001:2008

# Product Description

**Catalog Number:** 3551

**Product Description:** Corning® 96-well Crystal EX Plate, 4uL Conical flat bottom, without lid, 1:1, COC, treated

**Component Materials:**

Plate - COC Material, meets *USP, Class VI* requirements for plastic containers and closures.

**Product Dimensions:**

Distance to A1 Crystallization well from left plate edge (x-direction) - 0.478 in.

Distance to A1 wells from top plate edge (y-direction) - 0.354 in.

Typical well spacing (Block to Block) - 0.3543 in. (9mm)

Length of Plate	-	5.030 in.	Diameter of Reservoir Well @ Top	-	.165 in.
Width of Plate	-	3.365 in.	Diameter of Crystallization Well @ Top	-	.098 in.
Depth of Reservoir Well	-	.46 in.	Diameter of Crystallization Well @ bottom	-	.059
Depth of Crystallization Well	-	.038 in.	Volume of Reservoir Well	-	130 µL
Height	-	.56 in.	Volume of Crystallization Well	-	4 µL
Tolerances of Dimensions	-	+/- .010 in.			

**Optical Characteristics:**

The plate is made of optically clear material to allow microscopic visualization of crystals.

**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.
Cell Culture Treatment:	Wettability test using water to insure the presence of a hydrophilic surface.

**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: 1