

**Corning Incorporated
Life Sciences**

**Registered
ISO 9001:2008**

Product Description

Catalog Number: 3553

Product Description: Corning® 96-well Crystal EX Plate, 2uL Conical flat bottom, without lid, 3:1, COC

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

Product Dimensions:

Distance to A1 Corner 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)

Typical Intrablock spacing (crystal well to crystal well) - .177 in. (4.5mm)

Length of Plate	-	5.030 in.	Diameter of Reservoir Well @ Top	-	.165 in.
Width of Plate	-	3.365 in.	Diameter of Crystallization Well @ Top	-	.079 in.
Depth of Reservoir Well	-	.46 in.	Diameter of Crystallization Well @ bottom	-	.039 in.
Depth of Crystallization Well	-	.031 in.	Volume of Reservoir Well	-	130 µL
Height	-	.56 in.	Volume of Crystallization Well	-	2 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.

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