

Thermo Fisher Scientific hereby certifies that the product identified below is manufactured and/or distributed according to the requirements of product and quality specifications as maintained in our quality management system which is compliant to ISO 13485:2016 (BSI Certificate Number: FM 653694) in the USA.

 June Gulisano  
 Sr. Quality Manager

The following information represents Product Certification for: Item#: **342830-0115**

Certificate issued: **01/29/2020**

Description: **CLOS, MPV, RED CODER, HDPE; 11 MM, EBEAM** Lot#: **1274842**

Use Before: **01/18/2025**

Manufactured: **01/19/2020**

Part Number	Description	Common Name	DMF#	Cytotoxicity	USP Class VI	FDA Compliance - 21 CFR
1-3828-90	CLOS, HDPE, PACKAGING VIAL	COMPONENT PART				
8-0042-02	RESIN, HDPE, HF, INJ	HIGH DENSITY POLYETHYLENE	1646	PASSED	PASSED	176.170(c), 177.1520(c)3.2a
1-3828-99	COLOR CODER, RED, PKG VIAL	COMPONENT PART				
8-0077-30P	RESIN, PS, HI IMPACT, RED, INJ	COMPONENT PART				
8-0077-13	RESIN, PS, HIGH IMPACT, INJ	POLYSTYRENE	1623	PASSED	PASSED	177.1640
8-0099-98	COLOR, RED, LLDPE, NOT FDA	COLORANT, RED, NOT FDA	N/A	N/A	N/A	Not FDA

If N/A appears in any of the columns above it means the information is not available. Any item listed as "COMPONENT PART" will show blank in the DMF#, Cytotoxicity, USP Class VI, and FDA Compliance Information columns.

If the word "PASSED" appears in the USP Class VI column next to the resin listing, this material has passed USP Class VI requirements, latest Volume, as part of our initial test approval protocol.

If the word "PASSED" appears in the Cytotoxicity column next to the resin listing, this material was tested and shown to be non-cytotoxic as part of our initial test approval protocol, using either mouse fibroblast L929 cells or the more sensitive human diploid lung cell lines WI-38 or MRC-5.

Product was E-Beamed Sterilized. Product was dosimetric released per ANSI/AAMI/ISO 11137 guidelines. Product was determined to be non-pyrogenic at a level < 0.5 EU/ml per USP < 85 > .

Product produced after Lot 582258 is certified to be free of detectable RNase/DNase contamination. This test is performed using the nuclease assay method with a detection limit of  $8 \times 10^{-7}$  Kunitz unit/ul for DNase and  $1.9 \times 10^{-10}$  Kunitz unit/ul for RNase. This product was manufactured using virgin resin.