

# ISO/IEC 19798 Yield Test Report

**CX431 High Yield Toner Cartridge**

**Printer: CX431adw**

**Part Numbers of Cartridges:**

**Cyan (C)** 20NxHC0, 20N0H20

**Magenta (M)** 20NxHM0, 20N0H30

**Yellow (Y)** 20NxHY0, 20N0H40

**Black (K)** 20NxHK0, 20N0H10

**Lexmark Toner Cartridge Yield Claim:**

|  |              |                |
|--|--------------|----------------|
| Average Continuous Composite Color (CMY) Cartridge Yield | <b>4,500</b> | standard pages |
| Average Continuous Black (K) Cartridge Yield             | <b>4,500</b> | standard pages |
| Declared yield in accordance with ISO/IEC 19798          |              |                |

Tested Cartridge Summary:

90% Lower Confidence

Composite Color (CMY) = **5,020** pages

Black = **5,056** pages

For questions concerning testing contact:

Lexmark International Inc.

740 West New Circle Rd.

Lexington, Ky. 40550 USA

Attn: Laser Supplies Product Manager

**Date Tested**

6-Jan-2020

8-Jan-2020

Number of cartridges in testing C= 9 M= 9 Y= 9 K= 9

Qty. of cartridges used in calculation C= 9 M= 9 Y= 9 K= 9

Type of cartridge Replenishment

Shake Procedure No Shake

1st shake

2nd shake No Shake

Print mode Continuous

Number of printers tested 3

Media used Hammermill Tidal MP - 20 lbs. - Letter

Paper feed orientation Short Edge Feed (SEF)

Driver version G3

Operating system Windows 10

Application software Adobe Reader DC

Test page version ISO-IEC\_24712\_2007.pdf

Power (off/on) everyday On

Pre-generated file used Y

Header / Footer used Y

Computer Model Intel(R) Core™ i7-4610M CPU @ 3.00GHz

Computer RAM and CPU type 8.0 GB

PC / Printer connection Network

**Comments :**

The print file was generated with a 5-page job.

## ISO/IEC 19798 Yield Test Report

| Printer       | Color | Cartridge SN  | Temperature C / F |         |         | Humidity |     |     | Cartridge Yield | Cartridge used in Calculation |
|---------------|-------|---------------|-------------------|---------|---------|----------|-----|-----|-----------------|-------------------------------|
|               |       |               | Avg               | Max     | Min     | Avg      | Max | Min |                 |                               |
| 3500944011ZKF | C     | SCAD19350B8D4 | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 4930            | Y                             |
| 3500944011ZKF | C     | SCAD19350B8E6 | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 4950            | Y                             |
| 1500944010Z6P | C     | SCAD19350B8D6 | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5595            | Y                             |
| 1500944010Z6P | C     | SCAD19350B8E3 | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5500            | Y                             |
| 3500944011ZKZ | C     | SCAD19350B8DC | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5330            | Y                             |
| 3500944011ZKZ | C     | SCAD19350B8C7 | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5365            | Y                             |
| 3500944011ZKF | C     | SCAD19350B8EC | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5120            | Y                             |
| 1500944010Z6P | C     | SCAD19350B8ED | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5525            | Y                             |
| 3500944011ZKZ | C     | SCAD19350B8D5 | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5350            | Y                             |
| 3500944011ZKF | K     | SCAD19350B9A1 | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 4930            | Y                             |
| 3500944011ZKF | K     | SCAD19350B768 | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 4980            | Y                             |
| 1500944010Z6P | K     | SCAD19350B75D | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5300            | Y                             |
| 1500944010Z6P | K     | SCAD19350B9A3 | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5200            | Y                             |
| 3500944011ZKZ | K     | SCAD19350B75B | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5250            | Y                             |
| 3500944011ZKZ | K     | SCAD19350B75C | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5305            | Y                             |
| 3500944011ZKF | K     | SCAD19350B9CC | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5000            | Y                             |
| 1500944010Z6P | K     | SCAD19350B9CC | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5105            | Y                             |
| 3500944011ZKZ | K     | SCAD19350B769 | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5250            | Y                             |
| 3500944011ZKF | M     | SCAD19351B440 | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 4690            | Y                             |
| 3500944011ZKF | M     | SCAD19351B441 | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5020            | Y                             |
| 1500944010Z6P | M     | SCAD19351B421 | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5485            | Y                             |
| 1500944010Z6P | M     | SCAD19351B426 | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5355            | Y                             |
| 3500944011ZKZ | M     | SCAD19351B43F | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5220            | Y                             |
| 3500944011ZKZ | M     | SCAD19351B43E | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5455            | Y                             |
| 3500944011ZKF | M     | SCAD19351B422 | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5405            | Y                             |
| 1500944010Z6P | M     | SCAD19351B432 | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5040            | Y                             |
| 3500944011ZKZ | M     | SCAD19351B42A | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5075            | Y                             |
| 3500944011ZKF | Y     | SCAD19352AE2C | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5010            | Y                             |
| 3500944011ZKF | Y     | SCAD19352AE20 | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 4945            | Y                             |
| 1500944010Z6P | Y     | SCAD19352AE29 | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 4670            | Y                             |
| 1500944010Z6P | Y     | SCAD19352AD64 | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5180            | Y                             |
| 3500944011ZKZ | Y     | SCAD19352AD6F | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5565            | Y                             |
| 3500944011ZKZ | Y     | SCAD19352AE11 | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5370            | Y                             |
| 3500944011ZKF | Y     | SCAD19352AE1D | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 4715            | Y                             |
| 1500944010Z6P | Y     | SCAD19352AE17 | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 4895            | Y                             |
| 3500944011ZKZ | Y     | SCAD19352AE27 | 21 / 70           | 22 / 71 | 20 / 68 | 50       | 50  | 49  | 5455            | Y                             |

|                   | Average | Std Dev. Of Sample | 90% Lower Confidence |
|-------------------|---------|--------------------|----------------------|
| Cyan Cartridge    | 5296    | 244                | 5145                 |
| Magenta Cartridge | 5194    | 261                | 5032                 |
| Yellow Cartridge  | 5089    | 322                | 4890                 |
| CMY Composite     |         |                    | 5020                 |
| Black Cartridge   | 5147    | 146                | 5056                 |