

Cartridge	For printer	Pass / Fail	Reason for Failure	Substance	Test Value Mg/kg	LGA Limit mg/kg	Variation
Newbuilt non-OEM 226A	HP LaserJet Pro M402, HP LaserJet Pro M426	Failed	Cobalt		37	25	+48%
Newbuilt non-OEM 285A	HP LaserJet P1002, P1100, P1101, P1102, P1103, P1104, P1106, P1108 / M1130, M1132, M1136, M1210, M1212 / PRO M1132, M1136, M1212, P1100, P1101, P1102, P1103, P1104, P1106, P1108	Failed	Cobalt		37	25	+48%
			Volatile CMR compounds of category 1A and 1B and / or 1 and 2 and pregnancy group A and B, respectively ²	Naphthalene (Carc.2, K2) ^{3,4}	3.8	1	+280%
Newbuilt non-OEM D116L	Samsung Xpress SL-M2625 /2825/2835, M2675/2875/2885	Failed	Total of volatile organic compounds in the retention range C6 - C16 (TVOC) ¹		600	300	+100%
		Failed	Benzine		2.2	0.35	+529%
		Failed	Volatile CMR compounds of category 1A and 1B and / or 1 and 2 and pregnancy group A and B, respectively ²	Diethylene glycol dimethyl ether (Repr. 1B) ³	86	1	+8500%
				Dimethylformamide (Repr. 1B) ³	2.8	1	+180%
Newbuilt non-OEM 285A	HP LaserJet P1002, P1100, P1101, P1102, P1103, P1104, P1106, P1108 / M1130, M1132, M1136, M1210, M1212 / PRO M1132, M1136, M1212, P1100, P1101, P1102, P1103, P1104, P1106, P1108	Failed	Volatile CMR compounds of category 1A and 1B and / or 1 and 2 and pregnancy group A and B, respectively ²	2-Ethoxyethanol (Repr. 1B, Acute Tox. 3) ³	1.1	1	+10%
				Naphthalene (Carc. 2, K2) ^{3,4}	4.9	1.0	+390%
Newbuilt non-OEM 285XL	HP LaserJet Pro P1102, HP LaserJet Pro P1102s, HP LaserJet Pro P1102w, HP LaserJet Pro M1212nf MFP, HP LaserJet Pro M1217nfw MFP, HP LaserJet Pro M1132 MFP	Failed	Total of volatile organic compounds in the retention range C6 - C16 (TVOC) ¹		327	300	+9%
		Failed	Benzine		0.9	0.35	+157%
		Failed	Cobalt		44	25	+76%
		Failed	Volatile CMR compounds of category 1A and 1B and / or 1 and 2 and pregnancy group A and B, respectively ²	Naphthalene (Carc. 2, K2) ^{3,4}	4.6	1.0	+360%
Newbuilt non-OEM 435XC	HP LaserJet P1002, P1100, P1101, P1102, P1103, P1104, P1106, P1108 / M1130, M1132, M1136, M1210, M1212 / PRO M1132, M1136, M1212, P1100, P1101, P1102, P1103, P1104, P1106, P1108	Failed	Volatile CMR compounds of category 1A and 1B and / or 1 and 2 and pregnancy group A and B, respectively ²	Naphthalene (Carc. 2, K2) ^{3,4}	6.2	1.0	520%
		Failed	Cobalt		44	25	76%
Newbuilt non-OEM 435 / 436 / 285A	HP LaserJet P1002, P1100, P1101, P1102, P1103, P1104, P1106, P1108 / M1130, M1132, M1136, M1210, M1212 / PRO M1132, M1136, M1212, P1100, P1101, P1102, P1103, P1104, P1106, P1108	Failed	Volatile CMR compounds of category 1A and 1B and / or 1 and 2 and pregnancy group A and B, respectively ²	2-Ethoxyethanol (Repr. 1B, Acute Tox. 3) ³	1.3	1.0	30%
				Naphthalene (Carc. 2, K2) ^{3,4}	5.7	1.0	470%
Newbuilt non-OEM 2612A	HP LaserJet 1010 1012 1015 1018 1020 1022 1022N 1022NW 3015 3020 3030 3050 3052 3055 M1005 M1319F MFP	Failed	Volatile CMR compounds of category 1A and 1B and / or 1 and 2 and pregnancy group A and B, respectively ²	Naphthalene (Carc. 2, K2) ^{3,4}	5.6	1.0	460%
Reman OEM Toner A	HP LaserJet Pro P1102, HP LaserJet Pro P1102s, HP LaserJet Pro P1102w, HP LaserJet Pro M1212nf MFP, HP LaserJet Pro M1217nfw MFP, HP LaserJet Pro M1132 MFP	Passed	Total of volatile organic compounds in the retention range C6 - C16 (TVOC) ¹		291	300	-3%
		Passed	Benzine		0.3	0.35	-14%
		Passed	Cobalt		18	25	-28%
		Passed	Volatile CMR compounds of category 1A and 1B and / or 1 and 2 and pregnancy group A and B, respectively ²	Naphthalene (Carc. 2, K2) ^{3,4}	0	1.0	-100%
Reman OEM Toner B	HP LaserJet Pro P1102, HP LaserJet Pro P1102s, HP LaserJet Pro P1102w, HP LaserJet Pro M1212nf MFP, HP LaserJet Pro M1217nfw MFP, HP LaserJet Pro M1132 MFP	Passed	Total of volatile organic compounds in the retention range C6 - C16 (TVOC) ¹		187	300	-38%
		Passed	Benzine		0.2	0.35	-43%
		Passed	Cobalt		20	25	-20%
		Passed	Volatile CMR compounds of category 1A and 1B and / or 1 and 2 and pregnancy group A and B, respectively ²	Naphthalene (Carc. 2, K2) ^{3,4}	0	1	-100%

1. TVOC = total volatile organic compounds in forming the corresponding totals. all individually quantified components are included with a mass-based emission rate of ≥ 0.3 mg/kg. Insofar as possible concentrations of all individual compounds are quantified against authentic standard. Unidentified substances are quantified on basis of substance groups against substance-like compounds from this group.
2. CMR = carcinogenic (C), mutagenic (M), toxic to reproduction (R) classified according to the EU classification with reference to Annex VI of Regulation (EC) No.1272/2008 (GHS) of Categories 1A and 1B and according to the national classification in compliance with TRGS 905 or the MAK and BAT Value Lists of the DFG (German Research Foundation). (Categories 1 and 2 and Pregnancy Group A and B).
3. According to the EU classification with reference to Annex VI of Regulation (EC) No. 1272/2008 (GHS)
4. According to the MAK and BAT Value Lists of the DFG (German Research Foundation). (Categories 1 and 2 and Pregnancy Group A and B).