



June 10, 2026

Color Comparator Article Declaration

To Whom it May Concern

CHEMetrics certifies that the color comparators listed on the table below are articles as defined by USA OSHA and EU REACH definitions. They do not contain any hazardous materials. The liquid contained in the comparator ampoules is non-hazardous, as defined by the definitions below. The ampoules are vacuum sealed and then packaged in our comparator holders.

By the **29 CFR 1910.1200(c)** definition of an article, all comparators are manufactured items, formed to a specific shape, the end-function depends on that shape, and they do not release any hazardous chemicals under normal conditions.

By the **(EC) No 1907/2006** definition of an article, all comparators are objects, which during production are given a specific shape, surface, and/or design which determines their function to a greater degree than the chemical composition does. Since both the color and shape define the function, it must be noted that no SVHC chemicals from the ECHA Candidate list are present in the product above 0.1%.

For this reason, CHEMetrics and AquaPhoenix Scientific, LLC will treat all color comparators as articles, and we will not provide SDS for the comparators. Any SDS provided previously can be considered void and this declaration is submitted in their place.

Respectfully,

Luke Miller
Environmental, Health, & Safety Manager

Catalog Number	Description	Range
C-1001	Filming Amine Comparator	0 – 1 ppm
C-1002	Filming Amine (Rose Bengal) Comparator (Low Range)	0 – 2 ppm as ODA or OLA
C-1006	Filming Amine (Rose Bengal) Comparator (High Range)	2 – 6 ppm as ODA or OLA
C-1404	Ammonia Comparator	0 – 4.0 ppm 0 – 80 ppm 0 – 2000 ppm 0 – 10000 ppm
C-1501	Ammonia (Nesslerization) Comparator (Low Range)	0 – 1 ppm
C-1502	Ammonia Comparator (Low Range)	0 – 1 ppm
C-1510	Ammonia (Nesslerization) Comparator (High Range)	1 – 10 ppm 5 – 50 ppm 25 – 250 ppm 125 – 1250 ppm 1000 – 10000 ppm
C-1520	Ammonia Comparator (High Range)	1 – 10 ppm
C-1601	Bromine Comparator (Low Range)	0 – 2.2 ppm
C-1605	Bromine Comparator (High Range)	0 – 11 ppm
C-1805	Carbohydrazide Comparator	0 – 0.5 ppm
C-2500	Chlorine Comparator	0.1 – 2.0 ppm
C-2501	Chlorine Comparator (Low Range)	0 – 1 ppm
C-2504	Chlorine Comparator (Low Range)	0 – 1 ppm
C-2505	Chlorine Comparator (High Range)	1 – 5 ppm
C-2506	Chlorine Comparator (High Range)	0 – 5 ppm 0 – 25 ppm 0 – 125 ppm 0 – 500 ppm 0 – 2000 ppm
C-2511	Chlorine Comparator (Ultra Low Range)	0 – 0.20 ppm
C-2702	Chlorine Dioxide Comparator (Low Range)	0 – 2 ppm
C-2710	Chlorine Dioxide Comparator (High Range)	0 – 10 ppm
C-2801	Chromate Comparator (Low Range)	0 – 1 ppm
C-2810	Chromate Comparator (High Range)	0 – 10 ppm
C-3501	Copper Comparator (Low Range)	0 – 1 ppm
C-3510	Copper Comparator (High Range)	1 – 10 ppm
C-3801	Cyanide (Free) Comparator (Low Range)	0 – 0.1 ppm
C-3810	Cyanide (Free) Comparator (High Range)	0.1 – 1 ppm
C-3901	DEHA Comparator (Low Range)	0 – 400 ppb
C-3902	DEHA Comparator (High Range)	400 – 3000 ppb
C-4601	Formaldehyde Comparator (Low Range)	0 – 1 ppm
C-4610	Formaldehyde Comparator (High Range)	0 – 10 ppm
C-4815	Glycol Comparator	1 – 15 ppm
C-5005	Hydrazine Comparator	0 – 0.5 ppm
C-5015C	Hydrazine Comparator (High Range)	0 – 500 ppm
C-5015D	Hydrazine Comparator (High Range)	0 – 12.5 ppm
C-5501	Hydrogen Peroxide (Ferric Thiocyanate) Comparator (Low Range)	0 – 0.8 ppm
C-5502	Hydrogen Peroxide Comparator (Low Range)	0 – 0.50 ppm
C-5510	Hydrogen Peroxide (Ferric Thiocyanate) Comparator (High Range)	1 – 10 ppm 5 – 50 ppm 25 – 250 ppm

		125 – 1250 ppm 1000 – 10000 ppm
C-5808	Hypochlorite Comparator	0 – 1.55 ppm 0 – 12.5 ppm
C-6001	Iron Comparator (Low Range)	0 – 1 ppm
C-6002	Iron in Brine Comparator (Low Range)	0 – 100 ppm
C-6010	Iron Comparator (High Range)	1 – 10 ppm 10 – 100 ppm 50 – 500 ppm 250 – 2500 ppm
C-6012	Iron in Brine Comparator (High Range)	100 – 1000 ppm
C-6502	Manganese Comparator	0 – 2 ppm
C-6701	Molybdate Comparator (Low Range)	0 – 7 ppm
C-6702	Molybdate Comparator (High Range)	2 – 24 ppm
C-6720	Molybdate Comparator	20 – 200 ppm
C-6802	Monochloramine Comparator	0 – 20 ppm
C-6902	Nitrate Comparator (Low Range)	0 – 0.1 ppm
C-6908	Nitrate Comparator (High Range)	0 – 1.0 ppm
C-7006	Nitrite Comparator (Low Range)	0 – 1.0 ppm
C-7007	Nitrite Comparator (High Range)	0 – 1.0 ppm
C-7404	Ozone Comparator (Low Range)	0 – 0.60 ppm
C-7405	Ozone Comparator (High Range)	0.6 – 3 ppm
C-7501	Dissolved Oxygen Comparator	0 – 1.0 ppm
C-7511	Dissolved Oxygen Comparator (Ultra Low Range)	0 – 20 ppb
C-7512	Dissolved Oxygen Comparator	1 – 12 ppm
C-7518	Dissolved Oxygen Comparator	5 – 180 ppb
C-7540	Dissolved Oxygen Comparator	0 – 40 ppb
C-7599	Dissolved Oxygen Comparator	0 – 100 ppb
C-7807	Sodium Persulfate Comparator (Low Range)	0 – 5.6 ppm
C-7870	Sodium Persulfate Comparator (High Range)	7 – 70 ppm
C-7902	Peracetic Acid Comparator (Low Range)	0 – 1 ppm
C-7904	Peracetic Acid Comparator (High Range)	0 – 5.0 ppm
C-8001	Phenols Comparator (Low Range)	0 – 1 ppm
C-8012	Phenols Comparator (High Range)	0 – 12 ppm 0 – 300 ppm
C-8501	Phosphate (Ortho) Comparator (Low Range)	0 – 1 ppm
C-8510	Phosphate (Ortho) Comparator (High Range)	1 – 10 ppm 10 – 100 ppm
C-8515	Phosphate Comparator (High Range)	0 – 120 ppm
C-8530	Phosphate Comparator (Low Range)	2 – 30 ppm
C-9001	Silica Comparator (Low Range)	0 – 1 ppm
C-9010	Silica Comparator (High Range)	1 – 10 ppm
C-9011	Silica Comparator (Ultra Low Range)	0 – 0.20 ppm
C-9400	Detergents Comparator	0 – 3 ppm
C-9501	Sulfide Comparator (Low Range)	0 – 1 ppm
C-9510	Sulfide Comparator (High Range)	1 – 10 ppm 5 – 50 ppm 25 – 250 ppm 125 – 1250 ppm 1000 – 10000 ppm