

for high purity formulations turn to SunPURO® Oxides.

Take your cosmetic formulations to the highest level of purity with SunPURO® Oxides. These synthetically manufactured oxides carry the most stringent heavy metal specifications, and surpass all global regulatory requirements. These premium ECOCERT® registered products provide pure, warm colors while giving your customers a level of quality assurance that can only be achieved with SunPURO® Oxides.

Chemical Purity Specifications

	Hg	As	Pb	Cd	Ba	Sb	Cu	Cr	Ni	Zn
FDA (TiO ₂)	1 ppm	1 ppm	10 ppm							
FDA (Iron Oxide)	3 ppm	3 ppm	10 ppm							
E171	1 ppm	3 ppm	10 ppm	1 ppm		50 ppm				50 ppm
E172	1 ppm	5 ppm	20 ppm	5 ppm	50 ppm		50 ppm	100 ppm	200 ppm	100 ppm
SunPURO® Titanium Dioxide	1 ppm	1 ppm	5 ppm	1 ppm	30 ppm	1 ppm	5 ppm	10 ppm	5 ppm	10 ppm
SunPURO® Iron Oxide	1 ppm	3 ppm	3 ppm	2 ppm	5 ppm		10 ppm	25 ppm	10 ppm	35 ppm

SunPURO® Color Chart


Masstone	Midtone	Tint	
			SunPURO® Black Iron Oxide C33-7001
			SunPURO® Red Iron Oxide C33-8001
			SunPURO® Red Iron Oxide C33-8021
			SunPURO® Yellow Iron Oxide C33-9001
			SunPURO® Titanium Dioxide C47-5001

The following SunPURO® grades meet ECOCERT's® requirements for coloring agents derived from mineral origin:

- C33-7001 Black Iron Oxide
- C33-8001 Red Iron Oxide
- C33-9001 Yellow Iron Oxide
- C47-5001 Titanium Dioxide

Solutions. Tailor-Made.™

SunChemical®

a member of the DIC group 

Sun Chemical Performance Pigments

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