

44250 Viridian Green

Chemical composition:	Cr ₂ O ₃ · 2H ₂ O, B ₂ O ₃ Chromium Hydroxide, Hydrated Chrome Oxide
Color Index:	Pigment Green 18, C.I. 77298
CAS Number:	12001-99-9
REACH Registration No.:	01-2119433951-39-0002

Viridian Green is a blue green hydrated oxide specifically manufactured for use in artists' materials and catalysts.

The material is produced to an extremely high purity and meets the specifications of the Food and Drug Administration (FDA), and the former Cosmetic, Toiletry and Fragrance Association (CTFA).

Viridian green can react with molten alkali at very high temperatures, specifically under oxidizing conditions.

Typical Analysis:

Chromium oxide:	75 wt%
Boron as B ₂ O ₃ :	5 wt%
Specific surface area:	125 m ² /g (BET)
Oil absorption:	55 g / 100 g
Water soluble salts:	1.5 %
Retention on 53 μ (325 mesh) screen:	0.1 %
Average particle size:	2.5 μm
pH:	8.0
Lead (Pb):	< 20 ppm
Arsenic (As):	< 3 ppm
Mercury (Hg):	< 1 ppm