TECHNICAL DATA

PRODUCT NAME: CHROMIUM HYDROXIDE GREEN
PRODUCT CODE: 34PC3597

Colour Index No.: 77289
CTFA Identification: Chromium Hydroxide Green
CAS No.: 12001-99-9
Composition: Hydrated Chromium Oxide
\[ \text{Cr}_2\text{O}_3 \times \text{H}_2\text{O} \]
Specific Gravity: Typically 2.87
Oil Absorption: Typically 55 - 59
Properties: Lightfastness - Excellent
\[ \text{Cr}_2\text{O}_3: \text{ Not less than } 75\% \]
Boron, as \( \text{B}_2\text{O}_3 \): 8% maximum
Chromium, as \( \text{Cr}_2\text{O}_3 \):
\[ \text{in } 2\% \text{ NaOH extract} \]
\[ \text{Not less than } 0.1\% \]
Water Soluble Matter: 2.5% maximum
Lead, as Pb: 20 ppm maximum
Arsenic, as As: 3 ppm maximum
Mercury, as Hg: 1 ppm maximum
Microbiological:
\[
\begin{align*}
\text{APC} & : <100 \text{ col./gram} \\
\text{Yeast & Mold} & : <100 \text{ col./gram combined} \\
\text{Gram Negative} & : \text{Negative}
\end{align*}
\]
Shelf Life: Indefinite when stored as recommended (5 years)
Storage Conditions: Store at room temperature in a dry location. Keep container and inner liner tightly closed.

8/20/04
JR:bt

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