



## Product Data Sheet

### Mordant Orange 1

**Product No.** GB-CHEM-00669  
**Volume.** 25G

Quality Profile	Specification
Appearance (Color)	Brown to Very Dark Brown
Appearance (Form)	Powder
Infrared Spectrum	Conforms to Structure
Wavelength	380 - 390 nm
Extinction Coefficient	$\geq 16000$
Wavelength	266 - 276 nm
Extinction Coefficient c = 0.006G/L, in Methanol	$\geq 7000$
Carbon	$\geq 37.0\%$
Nitrogen	$\geq 9.9\%$
TLC	Conforms to Structure
Solubility (Color) c = 1%, 1N NH <sub>4</sub> OH	Red to Very Dark Red

**Intended Use:** For research use only.

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