

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	01586
<b>Lot Number</b>	002126-112-21
<b>Product</b>	<b>Brilliant Green Certified</b> Malachite green G
<b>CAS Number</b>	633-03-4
<b>Molecular Formula</b>	C <sub>27</sub> H <sub>34</sub> N <sub>2</sub> O <sub>4</sub> S
<b>Molecular Weight</b>	482.65
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<b>Appearance</b>	Greenish yellow crystals
<b>pH</b>	2.26 (1g / 99mL water)
<b>UV Ratios</b>	Absorbance at 625.0 nm ± 1 nm (5 mg/L in methanol + 1 mL Acetic acid) : 624.4 - 1.165 Abs
<b>Insoluble</b>	0.35% (in Methanol)
<b>Loss on Drying</b>	1.06% (60 °C)
<b>Dye content</b>	98%
<b>Storage</b>	Store at RT
<b>Remarks</b>	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Bala Kumar**  
Quality Control Manager