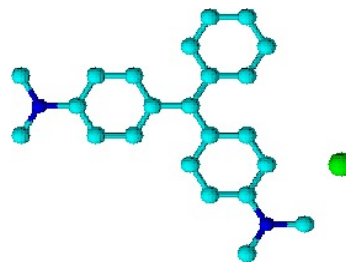


M1415NN Platinum Line**Warranty certificate**

C.I.	42000
Colour change	Yellow to green to blue
Dye content	85 - 90%
Iron (Fe)	not detected
Lead (Pb)	0.005%
Loss on drying	<10%
pH sensitivity	0 - 2.0
Residue on ignition	0.5%
Zinc (Zn)	not detected

Packaging

100g black plastic jar

**Physical properties, composition and data**

Chemical formula	$C_{23}H_{25}ClN_2$ (chloride compound) and $C_{48}H_{50}N_4O_4 \cdot 2C_2H_2O_4$ (oxalate compound)
Synonym	Aniline green; Basic green; Benzal green; Benzaldehyde green; China green; Diamond green; Fast green; Light green N; Victoria green
Atomic weight	364.92 (chloride compound) and 927.07 (oxalate compound)
Appearance	Green crystalline powder with metallic lustre
Solubility	Soluble in water
Melting point	159°C (oxalate compound)
Boiling point	Decomposes
pH (aqueous solution)	2.4
Other information	The term malachite green applies to both the chloride and oxalate derivatives

Laboratory preparation, applications and practices

Laboratory preparation	By condensing benzaldehyde with N,N-dimethylaniline, oxidising the resultant and treating with hydrochloric acid
Usage	Analytical reagent. Determination of fatty acids by ion-pair chromatography. pH indicator. Preparation of culture media

Storage and handling information

Storage	Store separated from light
Safety phrases	22-24/25
Risk phrases	20/21/22-36/37/38
Disposal methods	16

Transport regulations

Tariff code	3204.13.00
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