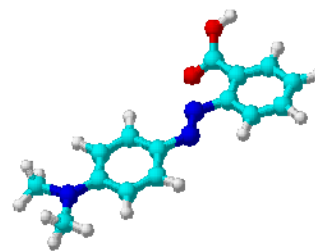


M1590NN	Platinum Line
powder	
Warranty certificate	
C.I.	13020
Colour change	red to yellow
Loss on drying	0.5%
pH sensitivity	4.2 - 6.2
Residue on ignition	0.2%

Packaging
25g black plastic jar

M1591FF	Gold Line
indicator solution	
Typical analysis	
C.I.	13020
Colour change	red to yellow
pH sensitivity	4.2 - 6.2

Packaging
100ml amber glass bottle
500ml clear plastic bottle



Physical properties, composition and data

Chemical formula	$C_{15}H_{15}N_3O_2$
Chemical group	pH indicator
Synonym	Acid red 2
Solution	Methyl red, alcohol and water
Atomic weight	269.29
Appearance	Dark red powder or violet crystals. Red solution
Solubility/miscibility	Solids soluble in ethanol, ether, glacial acetic acid. Solution miscible with water, ethanol and methano
Melting point	Solids: 181-182 °C and Solution: -48 °C
Boiling point	Solids: Decompose and Solution: 78-96 °C
Hazardous material	Powder harmful and solution flammable

Laboratory preparation, applications and practices

Laboratory preparation	Solid: Diazotization of anthranilic acid and coupling with dimethylaniline
Usage	As pH indicator for titrations
Filter paper	Filtech no: 0222, 0225, 1839

Storage and handling information

Safety phrases	Powder 7-24 and solution 7-24
Risk phrases	Powder 20/21/22 and solution 10-21/22
Disposal methods	16

Transport regulations

Tariff code	Solid: 2927.00.00 and Solution: 3822.00.00
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