

B0275NN	Platinum Line
powder	
Warranty certificate	
Colour change	yellow to purple
Loss on drying (110°)	1%
Residue on ignition	0.2%

Packaging
5g black plastic jar

B0276FF	Gold Line
indicator solution	
Typical analysis	
Colour change	yellow to purple

Packaging
100ml amber glass bottle

Physical properties, composition and data

Chemical formula	$C_{19}H_{10}Br_4O_5S$
Synonym	3,3',5,5'-tetrabromophenolsulphonphthalein
Chemical group	pH indicators
Mixture	Bromophenol blue, sodium hydroxide and water
Atomic weight	669.99
Weight per litre	Solution: 0.96kg
Appearance	Light orange powder. Yellow liquid
Solubility/miscibility	Soluble in ethanol, methanol, benzene, and sodium hydroxide solutions. Solution miscible with water
Melting point	273°C with decomposition
Boiling point	Decomposes
Flash point	Solution: 32°C
pH (aqueous solution)	3.0 - 4.6
Vapour pressure	660 Pa at 20°C
Hazardous material	Solution: Flammable

Laboratory preparation, applications and practices

Laboratory preparation	Powder: Excess bromine added slowly to a hot solution of phenolsulphonphthalein in glacial acetic acid Solution: Dissolve 0.1g bromophenol blue in 7.45ml N/50 sodium hydroxide and dilute with water to 250ml
Usage	Analytical reagent and pH indicator
Filter paper	Filtertech no: 0222, 0225, 1839

Storage and handling information

Storage	Mechanical exhaust required
Safety phrases	22-45/25
Risk phrases	Indicator solution: 11 and Powder: 20/21/22
Disposal methods	16

Transport regulations

Tariff code	2934.90.99
ECB number	204-086-2

