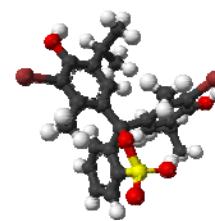


B0281NN	Platinum Line
powder	
Warranty certificate	
Colour change	yellow to blue
Residue on ignition	0.2%

Packaging	
5g black plastic jar	
25g black plastic jar	

B0282FF	Gold Line
indicator solution	
Typical analysis	
Colour change	yellow to blue

Packaging	
100ml amber glass bottle	
500ml clear glass bottle	



Physical properties, composition and data

Chemical formula	$C_{27}H_{28}Br_2O_5S$
Synonym	3,3'-Dibromothymol sulphonphthalein
Chemical group	pH indicators
Atomic weight	624.40
Liquid mixture/solution	Bromothymol blue, sodium hydroxide and water
Appearance	Pinkish-brown powder. Orange liquid
Solubility	Soluble in alcohol and ether. Miscible with water, ether, chloroform, acetone and many other organic solvents
Melting point	200 - 202°C
Flash point	Solution: 12.7°C
Ignition point	Solution: 425°C
Density (g/ml)	Solution: 0.88
pH (aqueous solution)	Solution: 6.0 - 7.6
Hazardous material	Flammable

Laboratory preparation, applications and practices

Laboratory preparation	Action of bromine on thymol blue in glacial acetic acid
Usage	Solution: Dissolve 0.1g bromothymol blue in 8ml N/50 sodium hydroxide and dilute with water to 250ml Analytical reagent. pH indicator
Filter paper	Filetech no: 0222, 0225, 1839

Storage and handling information

Risk phrases	Powder: 20/21/22
Disposal methods	16

Transport regulations

Tariff code	2934.90.99
ECB number	200-971-2

