

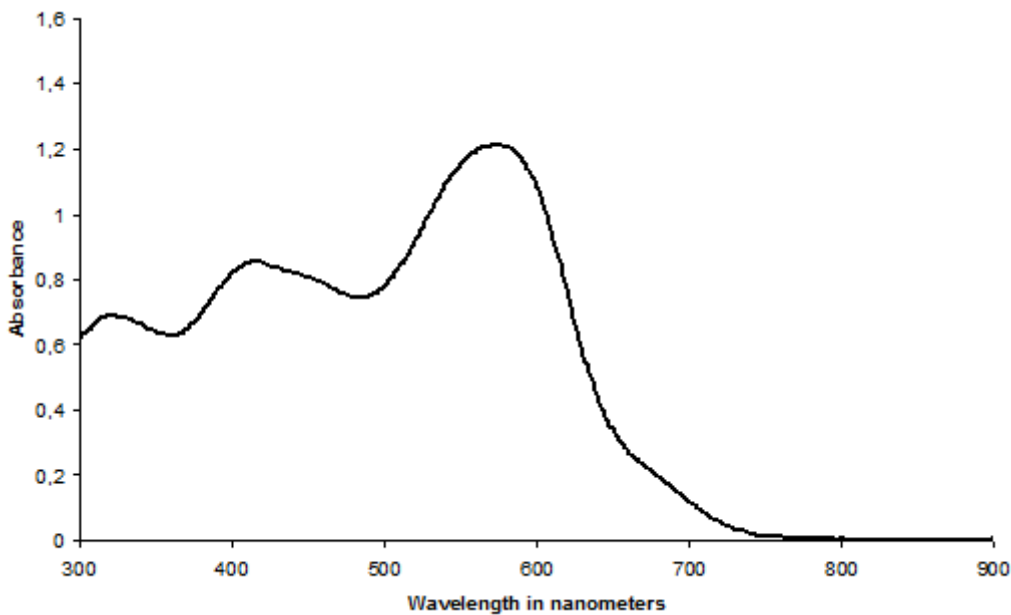
BAYSCRIPT® Black SP liq.

General properties	Highly purified, low salt black dye mixture Very good filtration properties (0.45 µm) High color strength at an economical price	
Color Index Part I	Direct Black mixture	
Color Index Part II	–	
Chemical class	Disazo dyes	
Appearance	Black liquid	
Dye content	≈ 30%	
Color strength tolerance	± 5%	
Solvent	Water	
Surface tension	> 50 mN/m	
pH (form supplied)	8 – 9	
Viscosity	< 10 mPas	
Filterability (0.45 µm filter)	≤ 0.01% residue	
Lightfastness	3	
Solubility (g/L at 25 °C)	Water	miscible
	Glycols	miscible
Ion content (ppm)	Chloride < 1000	Sulfate < 3000
	Calcium < 40	Magnesium < 20
	Silicon < 30	Iron < 20
	Copper < 20	
Applications	Water-based inks Thermal and piezo ink-jet printing Office supplies Fine liner inks, fountain-pen inks Writing instruments Especially suitable for industrial ink-jet printing & barcoding	
Stability	Storage stability: 24 months from delivery ex plant. Protect from freezing. BAYSCRIPT® Black SP liq. is stable against weak acids and bases.	



Absorbance curve

Black SP liq. in water



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