

## Instruction Manual

### SERVA Blue W Powder

Cat. No. 35053

#### Product description:

<b>General</b>	Triphenylmethane dye SERVA Blue W (Acid Blue 15) is a more lipophilic homolog of SERVA Violet R. The dye is well soluble in water.
<b>Application</b>	Staining of proteins in polyacrylamide and agarose gels, suitable for round and flat (0.1 – 1 mm gel thickness) PAGE gels
<b>Storage</b>	Store powder dry and dark at +15 °C – +30 °C. If stored as indicated, shelf life of powder is ca. 3 – 5 years.

#### Staining protocol:

<b>Solutions</b>	Fixing solution	20 % (w/v) trichloroacetic acid	(Cat. No. 36913)
	Staining solution	0.04 % SERVA Blue W in H <sub>2</sub> O demin. (Solve 400 mg in 1 l water)	
	Destainer	0.4 % (w/v) trichloroacetic acid (20 ml fixing solution in 1 l H <sub>2</sub> O)	
<b>Staining</b>	1. Incubate gel for 20 min. in 100 ml fixing solution. 2. Wash gel for ca.1 min. in H <sub>2</sub> O dest. 3. Prior to use mix 5 ml fixing solution with 250 ml staining solution, stain gel in solution for 10 min.		
<b>Destaining</b>	1. Destain 2 - 3 x for 10 min. until background is clear. 2. Neutralize gel by washing 2 x for 5 min. in H <sub>2</sub> O dest.		