

## Quality Control chemical reagent shelf lives

Test method	Detection/Determination test	Reagent solution	Shelf life	Storage conditions
SANS 5992	Copper detection in CCA treated timber	Chromeazurol and Sodium acetate in water	2 Years	Store in a cool, dark place.
SANS 5993	Chrome detection in timber freshly treated with CCA, and determination of CCA fixation	Diphenyl carbazid, Hydrochloric acid in mixture of ethanol and water	1 Month	Store in a cold, dark place. Storage in a fridge is highly recommended.
SANS 5995	Boron detection in borate treated timber	Curcumin, Salicylic acid, Hydrochloric acid in alcohol	6 Months	Store in a cold, dark place. Storage in a fridge is highly recommended.
SANS 5999	Heartwood detection in timber of the Pinus species	Mixture of Solution A; O-Anisidine, Hydrochloric acid in water with Solution B; Sodium nitrite in water	A: 30 days B: 14 days	Store in a cool, completely dark place. Once mixture turns brown it becomes ineffective.
SANS 6000	Heartwood detection in timber of the Eucalyptus species	Dimethyl yellow in alcohol	2 Years	Store in a cool, dark place.
SANS 6061	CCA solution mass concentration determination	Phenolphthalein in a water and alcohol mixture	6 Months	Store in a cool, completely dark place. Exposure to light will shorten the shelf life.
		Sodium hydroxide in water	2 Years	Store in a cool, dark place away from ammonia and chlorine containing chemicals. Always keep the container tightly closed.