

DAB Substrate Tablets, 10 mg; pH 5.0 Fizzing, buffer-containing

Cat. no.: 4150

Lot. no.: _____

Exp. Date: _____ (When stored in an unopened container.)

Analysis: The activity of the tablets is tested by a semi-quantitative test using dilutions of Horse radish peroxidase (1000-1200 U/mg solid)[#] in dot-blot. A nitrocellulose strip dotted with a serial dilution of HRP is incubated in the substrate solution for 10 minutes. After washing the lowest detectable amount of HRP is determined by visual inspection of the dot-blot.

Specifications: pH: 5.0 ± 0.1
Dot Blot: Detects < 1 ng
Appearance: Light grey to light purple

Result: pH: _____
Dot Blot: _____
Appearance: _____

Storage: Short term storage: 4 °C; protected from light.
Long term storage: -20 °C; protected from light.

Performed by: Date: _____ Sign.: _____

Approved by: Date: _____ Sign.: _____

[#]One unit will oxidize 1 mmole ABTS per min., at pH 5.2 and 37 °C.