

FAST RED Substrate Tablets, 2 mg

Certificate of Analysis

Cat. no.: 4210

Lot. no.:

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

Analysis: The tablets are visually inspected, and their activity is tested by a semi-quantitative test using dilutions of alkaline phosphatase (6.2 U/mg solid)[#] in dot-blot. A nitrocellulose strip dotted with a serial dilution of alkaline phosphatase is incubated in the substrate solution for 10 minutes. After washing the lowest detectable amount of alkaline phosphatase is determined by visual inspection of the dot-blot.

Specifications: Dot Blot: Detects < 40 x 10⁻⁶ U
Appearance: Off-white or slightly yellow to pale pink tablet

Results: 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 hydrolyse 1.0 mmol of p-Nitrophenyl Phosphate per min. at pH 10.4 and 37 °C.