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## Product Specification

Product Name:  
SIGMAFAST™ OPD - tablet

Product Number: P9187

Storage Temperature: 2 - 8 °C

TEST	Specification
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
Solution of 1 tablet each (P8812 and P8936) plus 20 mL H <sub>2</sub> O.	
pH	4.8 - 5.2
Solution of 1 tablet each (P8812 and P8936) plus 20 mL H <sub>2</sub> O.	
Dissolution Time	≤ 10 min
Solution of 1 tablet each (P8812 and P8936) plus 20 mL H <sub>2</sub> O.	
Activity	85 - 115 %
Note	-----
SIGMAFAST is a trademark of Sigma-Aldrich Co. LLC	
Kit Comp (Component 1)	-----
P8812	
Appearance (Color)	White
Appearance (Form)	Round Tablet
Diameter	5/ 16 inches
Total Tablet Weight	241 - 295 mg/tab
Solubility (Color)	Colorless
1 tablet in 20 mL of purified water	
Solubility (Turbidity)	Clear
1 tablet in 20 mL of purified water	
pH	4.5 - 5.5
1 tablet in 20 mL of purified water	

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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Product Name:  
SIGMAFAST™ OPD - tablet

Product Number: P9187

Storage Temperature: 2 - 8 °C

TEST	Specification
Dissolution Time 1 tablet in 20 mL of purified water	≤ 10 min
Kit Comp (Component 2) P8936	-----
Appearance (Color)	White to Off-White
Appearance (Form)	Round Tablet
Diameter	9/64 inches
Total Tablet Weight	22.5 - 27.5 mg/tab
Solubility (Color)	Colorless
Solubility (Turbidity) 1 tablet in 10 ml of purified water	Clear
pH 1 tablet in 10 ml of purified water	4.8 - 5.2
Dissolution Time 1 tablet in 10 ml of purified water	< 5 min
Absorbance Maximum Absorbance	0.600 - 0.800
Lambda Max	287 - 291 nm
Absorbance Background Absorbance	< 0.05
Enzymatic Activity Activity when compared to 2 mg untableted substrate	85 - 115 %

Specification: PRD.0.ZQ5.10000023947

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