

3050 Spruce Street, Saint Louis, MO 63103, USA

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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 ₂ O. | |
| pH | 4.8 - 5.2 |
| Solution of 1 tablet each (P8812 and P8936) plus 20 mL H ₂ O. | |
| Dissolution Time | ≤ 10 min |
| Solution of 1 tablet each (P8812 and P8936) plus 20 mL H ₂ 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. 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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Storage Temperature: 2 - 8 °C

| TEST | Specification |
|---|--------------------|
| Dissolution Time | ≤ 10 min |
| 1 tablet in 20 mL of purified water | |
| 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) | Clear |
| 1 tablet in 10 ml of purified water | |
| pH | 4.8 - 5.2 |
| 1 tablet in 10 ml of purified water | |
| Dissolution Time | < 5 min |
| 1 tablet in 10 ml of purified water | |
| Absorbance | 0.600 - 0.800 |
| Maximum Absorbance | |
| Lambda Max | 287 - 291 nm |
| Absorbance | < 0.05 |
| Background Absorbance | |
| Enzymatic Activity | 85 - 115 % |
| Activity when compared to 2 mg untableted substrate | |

Specification: PRD.0.ZQ5.10000023947

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