

3050 Spruce Street, Saint Louis, MO 63103, USA

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Product Specification

Product Name:
SIGMAFAST™ p-Nitrophenyl phosphate Tablets - tablet, To prepare 5 mL

Product Number: **N1891**
MDL: MFCD00284586
Formula Weight: 371.14 g/mol
Storage Temperature: -20 °C

TEST	Specification
Note	-----
Set composed of N9389 and T8915	
pH	9.6 - 10.0
Dissolution Time	≤ 5 min
Activity	Compares
Comparable to control	
Kit pH and Kit dissolution time are 1 tablet of N9389 and 1 tablet T8915 per 5 mL purified water.	
Note	-----
Component 1: N9389	
Appearance (Color)	White to Pale Yellow
Appearance (Form)	Round Tablet
Diameter	5/32 inches
Total Tablet Weight	48.0 - 58.0 mg/tab
pH	9.8 - 10.5
1 Tablet in 1 mL H2O	
Dissolution Time	≤ 3.00 min
1 Tablet in 1 mL H2O	
UV Absorbance 405nm	≤ 0.600 OD
1 Tablet in 1 mL H2O	
UV Absorbance 415nm	≤ 0.300 OD
1 Tablet in 1 mL H2O	
Endogenous Rate	≤ 0.002
abs/min	

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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TEST	Specification
Concentration PNPP 1 Tablet in 3 mL H ₂ O	≥ 5.0 mM
Note Component 2: T8915	-----
Appearance (Color)	White
Appearance (Form)	Round Tablet
Diameter	5/ 16 inches
Total Tablet Weight	126.0 - 154.0 mg/tab
pH 1 tablet in 5 mL of H ₂ O	9.6 - 10.0
Dissolution Time 1 tablet in 5 mL of H ₂ O	≤ 5 min

Specification: PRD.0.ZQ5.10000038945

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