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Product Specification

Product Name:
MS-SAFE Protease and Phosphatase Inhibitor

Product Number: **MSSAFE**

Storage Temperature: 2 - 8 °C

TEST	Specification
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Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Turbidity)	Clear to Slightly Hazy
Solubility assay is performed by dissolving contents of 1 vial in 20 ml purified water with gentle mixing. Powder may take 10-30 minutes to fully dissolve.	
Solubility (Color)	Colorless
Solubility assay is performed by dissolving contents of 1 vial in 20 ml purified water with gentle mixing. Powder may take 10-30 minutes to fully dissolve.	
Solubility (Form)	Solution
Solubility assay is performed by dissolving contents of 1 vial in 20 ml purified water with gentle mixing. Powder may take 10-30 minutes to fully dissolve.	
Protease Detection	Conforms
Protease Inhibition A 1X concentrate solution in inhibitor will inhibit a 0.16 mg/ml suspension of P1625 > or = 80%	
Phosphatase Detection	Conforms
Phosphatase Inhibition: A 1X concentrate solution of inhibitor will inhibit a 0.25 mg/ml total liver lysae > or = 80%	

Specification: PRD.0.ZQ5.10000092627

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.