

Certificate of Analysis



Imidazole, SembaChrom™ Grade, 2.5 M Solution

Catalog Number: R1002E
Lot Number: 1029-1
Quantity: 100 ml

Description

Imidazole, SembaChrom™ Grade, is a special preparation of imidazole having low UV absorbance. Solutions containing imidazole are commonly used for the purification of histidine-tagged proteins by immobilized metal chelation chromatography (IMAC). Many commercial imidazole preparations contain UV-absorbing contaminants that interfere with spectrophotometric readings of protein solutions at 280 nm. SembaChrom Grade imidazole has been processed to remove these contaminants, resulting in negligible background levels. The ready-to-use 2.5 M solution has been adjusted to pH 8.0 and filtered for convenient preparation of IMAC buffers.

Storage Conditions

Store at room temperature. When stored as directed the product is guaranteed to maintain stability for 6 months from the date of shipment.

Quality Control Specifications

Test	Specifications
A ₂₈₀ (0.25 M)	≤ 0.05
pH	8.0

Certified By

K. Stephens, QC Manager

For Research Use Only

Warranty

Semba Biosciences, Inc. warrants the product will meet or exceed these specifications when used (under normal conditions) in your laboratory. We will promptly replace the product free of charge if the product does not conform to these specifications. Our obligation and your sole remedy is limited to such replacement in the event the product proves to be defective. No other warranties are expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Semba Biosciences, Inc. is not liable for consequential damages.