

## Certificate of Analysis

Date of Testing: 2023-12-20 11:08:19  
Date of Next Testing: 2026-12-19 11:08:19  
Product Name: **Imidazole**  
CAS Number: 288-32-4  
Specifications & Purity: for molecular biology,  $\geq 99\%$  (titration)  
Lot #: L2315095  
SKU #: **I485681**  
**Analysis:** **306985**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.20 %
Purity (Titration by H <sub>2</sub> SO <sub>4</sub> ) (anhydrous)	99-102.5 (%)	100.00 %
Appearance(I485681)	White Powder or Crystals	White Powder or Crystals
Solubility (Turbidity,500 mg/mL, H <sub>2</sub> O)	Clear	Clear
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
DNase, Exonuclease Detection	None Detected	none detected
RNase Detection	None Detected	none detected
Protease Detection	None Detected	none detected



John Su  
QA & QC Manager