

## Certificate of Analysis

Date of Testing: 2023-12-20 13:26:48  
Date of Next Testing: 2026-12-19 13:26:48  
Product Name: **Imidazole**  
CAS Number: 288-32-4  
Specifications & Purity: for molecular biology,  $\geq 99\%$  (titration)  
Lot #: L2315096  
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



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QA & QC Manager