

## Certificate of Analysis

Date of Testing: 2023-04-09 17:03:59  
Date of Next Testing: 2025-04-08 17:03:59  
Product Name: **Imidazolidinyl Urea**  
CAS Number: 39236-46-9  
Specifications & Purity: 98%  
Lot #: D2303486  
SKU #: **I133416**  
**Analysis:** **093926**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.84900 %
Heavy metal (as Pb)	0-10 (ppm)	5.30 ppm
Nitrogen by Elemental Analysis	26-28 (%)	27.09 %
Loss on drying	0-5 (%)	3.57 %
Sulfate Ash	0-3 (%)	1.80 %
Appearance (I133416)	white powder	White to pale yellow powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , colorless and clear (50mg/ml)	pass	Pass



John Su  
QA & QC Manager