

Certificate of Analysis

Date of Testing: 2024-05-22 09:44:27
Date of Next Testing: 2028-05-21 09:44:27
Product Name: **N,N'-Dicyclohexyl-1,2-ethanediamine Hydrate**
CAS Number: 4013-98-3
Specifications & Purity: >98.0%(GC)(T)
Lot #: E2413178
SKU #: **N159343**
Version: **1**
Analysis #: **328838**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	100.00 %
Water by Karl Fischer	3.5-10 (%)	7.50 %
Purity(Neutralization titration)(calcd.on anh.substance)	97.5-102.5 (%)	102.40 %
Appearance(N159343)	White to Almost white powder to crystal	White to Almost white powder to crystal
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
GC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager