

## Certificate of Analysis

<b>Product Name</b>	1-Amino-1-cyclobutanecarboxylic acid hydrochloride CAS: 98071-16-0	<b>Quantity</b>	93kg
<b>Manufacture Date</b>	2024.03.06	<b>Retest Date</b>	2026.03.05
<b>Batch Number</b>	HJ0405-20240301	<b>Issue Date</b>	2024.03.11

Item	Specification	Test result
<b>Characteristics</b>	Off-white to white solid	Complies
<b>Identification(By HPLC)</b>	The retention time of test sample major peak complies to reference standard	Complies
<b>Water</b>	$\leq 1.0\%$	0.38%
<b>Related substances by HPLC</b>	ARA-4-IMP1 $\leq 0.50\%$	N.D.
	ARA-4-IMP2 $\leq 0.50\%$	0.02%
	Other max single unspecified impurity $\leq 0.50\%$	0.11%
	Total impurity $\leq 1.0\%$	0.28%
<b>Purity</b>	$\geq 99.0\%$	99.72%
<b>Conclusion</b>	Complies to the enterprise specification	

SURVEYOR: LIYONG

