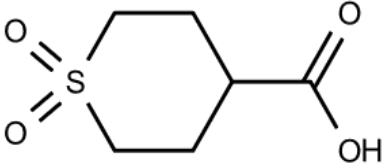


# Certificate of Analysis

## Compound Information

Name	1,1-Dioxo-hexahydro-1H-thiopyran-4-carboxylic acid	
CAS Number	64096-87-3	
Catalog Number	A159000046	
Molecular Formula	C6H10O4S	
Molecular Weight	178.21	

## Batch Information

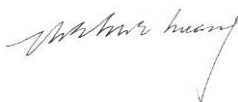
Batch Number	AD0053321052401		
Production Date	May 31 <sup>st</sup> , 2021	Recommended Retest Date	May 31 <sup>st</sup> , 2024

## QC Summary

Items	Specification	Result
Appearance	White to off-white solid	White solid
HPLC	≥ 97%	98.61%
NMR spectrum	Conforms to structure	



Issued by QC Supervisor



Approved by QC Manager

June 4<sup>th</sup>, 2021

Release Date