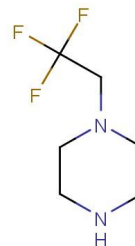


# CERTIFICATE OF ANALYSIS

Print Date: February 8, 2021

## PRODUCT INFORMATION

CAS No.: 13349-90-1  
Product Name: 1-(2,2,2-trifluoroethyl)piperazine  
Synonyms: N/A  
MW: 168.162  
MF: C<sub>6</sub>H<sub>11</sub>F<sub>3</sub>N<sub>2</sub>



## BATCH INFORMATION

Batch Number: 189037  
Manufacture Date: March 22, 2020  
Quantity: 100g  
Recommended Retest Date: March 22, 2022

## STORAGE

Refridge Temperature

## Analytical Data

Appearance: Colorless liquid  
Assay (HPLC): 95.0%  
<sup>1</sup>H-NMR: Consistent with structure  
Remarks:

Issued By: Shenqi Wei

Approved By: Shuyin Gu