

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-03-04 16:52:16  
 Date of Next Testing: 2027-03-04 16:52:16  
 Product Name: **1-(4-Fluorobenzyl)piperazine**  
 CAS Number: 70931-28-1  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: C2401275  
 SKU #: **F186166**  
 Version: **2**  
 Analysis #: **310875**  
 Storage Temperature: Room temperature, Argon charged

| Parameter             | Limit Values                    | Result                          |
|-----------------------|---------------------------------|---------------------------------|
| Purity(GC)            | 98-100 (%)                      | 98.17000 %                      |
| Appearance (F186166)  | White to yellow to Orange solid | White to yellow to Orange solid |
| Proton NMR spectrum   | Conforms to Structure           | Conforms to Structure           |
| Fluorine NMR Spectrum | Conforms to Structure           | Conforms to Structure           |



John Su  
QA & QC Manager