

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

|                          |                                       |
|--------------------------|---------------------------------------|
| Date of Testing:         | 2026-01-13 15:00:23                   |
| Date of Next Testing:    | 2029-01-12 15:00:23                   |
| Product Name:            | <b>1-Fmoc-piperazine hydrobromide</b> |
| CAS Number:              | 352351-60-1                           |
| Specifications & Purity: | ≥97%                                  |
| Lot #:                   | C2314640                              |
| SKU #                    | <b>F465169</b>                        |
| Version                  | <b>1</b>                              |
| Analysis #:              | <b>637001</b>                         |
| Storage Temperature:     | Store at 2-8°C, Argon charged         |

| Parameter                | Limit Values          | Result                |
|--------------------------|-----------------------|-----------------------|
| Purity(HPLC area)        | 97-100 (%)            | 99.90 %               |
| NMR Spectrum 1H          | Conforms to Structure | Conforms to Structure |
| LC-MS for identification | Conforms              | Conforms              |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager