

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-26 15:01:49

Date of Next Testing: 2027-04-25 15:01:49

Product Name: **1-Methyl-1-propylpiperidinium Bromide**

CAS Number: 88840-42-0

Specifications & Purity: 97%

Lot #: D2320113

SKU #: **M158636**

Analysis: **147585**

| Parameter                        | Limit Values                            | Result                                  |
|----------------------------------|-----------------------------------------|-----------------------------------------|
| Purity (Argentometric Titration) | 96.5-103.5 (%)                          | 97.14 %                                 |
| Appearance(M158636)              | White to Almost white powder to crystal | White to Almost white powder to crystal |
| NMR Spectrum 1H                  | Conforms to Structure                   | Conforms to Structure                   |

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

John Su  
QA & QC Manager