

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2021-06-19 13:36:02

Date of Next Testing: 2023-06-19 13:36:02

Product Name: **Loperamide HCl**

CAS Number: 34552-83-5

Specifications & Purity: Moligand™, ≥98%

Lot #: F2117175

SKU #: **L129465**

Version: **1**

Analysis #: **018746**

Storage Temperature: Room temperature

| Parameter                                                 | Limit Values          | Result                |
|-----------------------------------------------------------|-----------------------|-----------------------|
| Purity(NonaqueousTitration)                               | 98-100 (%)            | 99.00 %               |
| Purity(HPLC)                                              | 98-100 (%)            | 98.19800 %            |
| Loss on drying                                            | 0-0.5 (%)             | 0.37 %                |
| Appearance (L129465)                                      | White powder          | White powder          |
| Proton NMR spectrum                                       | Conforms to Structure | Conforms to Structure |
| Solubility in CHCL <sub>3</sub> , Colorless,Clear,25mg/ml | pass                  | Pass                  |



John Su  
QA & QC Manager