

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

## Certificate of Analysis

Date of Testing: 2025-10-31 11:14:53

Date of Next Testing: 2029-10-30 11:14:53

Product Name: **N-Heptafluorobutyrylimidazole**

CAS Number: 32477-35-3

Specifications & Purity: for GC derivatization

Lot #: J2522022

SKU #: **V31776**

Version: **0**

Analysis #: **601057**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                | Limit Values          | Result                |
|------------------------------------------|-----------------------|-----------------------|
| Purity(GC)                               | 97-100 (%)            | 99.71%                |
| Infrared spectrum                        | Conforms to Structure | Conforms to Structure |
| Proton NMR spectrum                      | Conforms to Structure | Conforms to Structure |
| Suitability, (suitable for fluorescence) | Pass                  | Pass                  |

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

