

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2024-09-28 13:43:55  
Date of Next Testing: 2028-09-27 13:43:55  
Product Name: **BMIMPF<sub>6</sub>**  
CAS Number: 174501-64-5  
Specifications & Purity:  $\geq 97\%$   
Lot #: I2425134  
SKU #: **B107646**  
Version: **0**  
Analysis #: **409657**  
Storage Temperature: Argon charged

| Parameter                           | Limit Values                                    | Result                                          |
|-------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Purity(HPLC)                        | 97-100 (%)                                      | 99.19000 %                                      |
| Refractive index n <sub>20</sub> /D | 1.409-1.413                                     | 1.41030                                         |
| Water by Karl Fischer               | 0-0.5 (%)                                       | 0.19470 %                                       |
| Density (20°C)                      | 1.371-1.378                                     | 1.37200                                         |
| Appearance (B107646)                | Colorless to Light Yellow to Light Brown-Yellow | Colorless to Light Yellow to Light Brown-Yellow |
|                                     | Oily or Viscous Liquid                          | Oily or Viscous Liquid                          |
| Infrared spectrum                   | Conforms to Structure                           | Conforms to Structure                           |



John Su  
QA & QC Manager