

## Certificate of Analysis

Date of Testing: 2023-09-25 09:44:07  
Date of Next Testing: 2026-09-24 09:44:07  
Product Name: **VPS34-IN1**  
CAS Number: 1383716-33-3  
Specifications & Purity: 98%  
Lot #: I2320670  
SKU #: **V413898**  
**Analysis: 270894**  
Storage Temperature: Store at -20°C

| Parameter                | Limit Values          | Result                |
|--------------------------|-----------------------|-----------------------|
| Purity(HPLC area)        | 98-100 (%)            | 98.01 %               |
| Proton NMR spectrum      | Conforms to Structure | Conforms to Structure |
| LC-MS for identification | Conforms              | Conforms              |



John Su  
QA & QC Manager