

## Certificate of Analysis

Date of Testing: 2023-02-20 09:10:21  
Date of Next Testing: 2026-02-19 09:10:21  
Product Name: **EMPA**  
CAS Number: 680590-49-2  
Specifications & Purity:  $\geq 98\%$ (HPLC)  
Lot #: B2313148  
SKU #: **E288004**  
**Analysis:** **147651**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	98.68 %
LC-MS for identification	Conforms	Conforms
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager