

## Certificate of Analysis

Date of Testing: 2023-02-20 13:51:15  
Date of Next Testing: 2026-02-19 13:51:15  
Product Name: **HPF**  
CAS Number: 359010-69-8  
Specifications & Purity: 98% , A solution in methyl acetate  
Lot #: B2313513  
SKU #: **R336295**  
**Analysis:** **181446**  
Storage Temperature: Protected from light,Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	100.00000 %
Concentration	0.8-1.2 (mg/ml)	0.98 mg/ml
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Mass spectrum	Conforms to standard	Conforms to standard



John Su  
QA & QC Manager