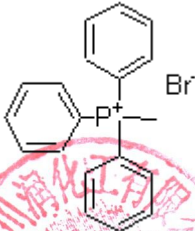


ZIBO QI FENG CHUAN RUN CHEMICAL CO. LTD

CERTIFICATE OF ANALYSIS

Product Name	Methyltriphenyl phosphonium bromide CAS: 1779-49-3	
Test Method	Q/QCR003-2010	
Batch No.	QFP2015062003	
Test Results		
Items	Specifications	Results
Appearance	White crystalline powder	White crystalline powder
Purity(HPLC) (%)	≥99.5	99.98
Moisture(ppm)	≤2000	700
Molecular formula	C ₁₉ H ₁₈ BrP	
Molecular weight	357.23	
Melting point	233.4°C	
Structure		
Conclusion	Qualified	
Test date	23th Jun. 2015	

Analyst: Ru Jiang

Analysis Director: Changbo Wang