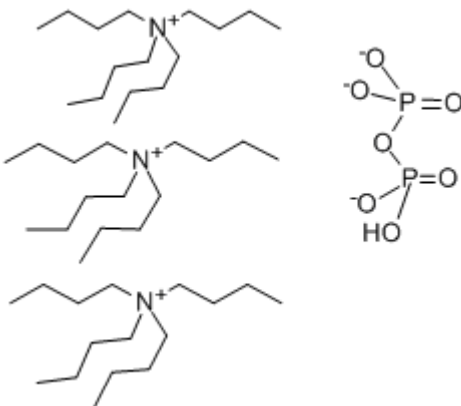


Certificate of Analysis

Product	PYROPHOSPHORIC ACID TRIS(TETRABUTYLAMMONIUM) SALT	CAS No.	76947-02-9
Molecular Formula	$C_{48}H_{109}N_3O_7P_2$	Molecular Weight	902.34
Structure			
Batch No.	20180318	Manufacture Date	20180318
Test date	20180318	Validity	20190317
Items			
Items	Standard	Result	
Appearance	White powder	Complies	
Identification	1H -NMR/LCMS	Complies	
Assay(HPLC)	$\geq 97.0\%$	Complies	

Storage: The seal, sets coolly dry place.