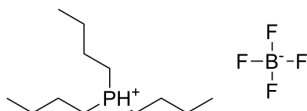


Certificate of Analysis

Compound Information

Product Name:	Tributylphosphonium tetrafluoroborate
Cat. No.:	1017385
CAS No.:	113978-91-9
Molecular Formula:	C ₁₂ H ₂₈ BF ₄ P
Molecular Weight:	290.13
Chemical Structure:	



Batch Information

Batch No.:	Ld091017325
Storage:	2-8°C, protect from light, stored under nitrogen
Test Date:	2020-09-10
Retest Date:	2025-09-09
Origin:	Shanghai, China

QC Summary

Appearance:	Colorless to off-white (<50°C Solid,>53°C Liquid)
¹H NMR Spectrum:	Consistent with structure
Purity (NMR):	≥98.0%
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

Tel: 400-821-0725

E-mail: product@leyan.com

Address: No. 1999 Zhangheng Road, Building 3, Zhangjiang High-Tech Park, Shanghai