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## Product Specification

Product Name:

Lithium hexafluorophosphate solution - in ethylene carbonate and ethyl methyl carbonate, 1.0 M LiPF<sub>6</sub> in EC/EMC= 50/50 (v/v), battery grade

Product Number: 746738

Formula: LiPF<sub>6</sub>

TEST	Specification
Appearance (Clarity)	Clear
Color Test (APHA)	≤ 50
Concentration	0.95 - 1.10 M
Lithium Hexafluorophosphate (LiPF <sub>6</sub> )	
Solvent Content	45.0 - 55.0 %
Volume%; Ethylene Carbonate	
Solvent Content	45.0 - 55.0 %
Volume%; Ethyl Methyl Carbonate	
Water (by Karl Fischer)	≤ 15 ppm
Hydrogen Flouride (HF)	≤ 50 ppm
Chloride (Cl)	≤ 1 ppm
Sulfate (SO <sub>4</sub> )	≤ 2 ppm
Sodium (Na)	≤ 1 ppm
Potassium (K)	≤ 1 ppm
Calcium (Ca)	≤ 1 ppm
Iron (Fe)	≤ 1 ppm
Lead (Pb)	≤ 1 ppm
Product of Supplier	-----
Product of UBE Industries Ltd.	

Specification: PRD.0.ZQ5.10000043155

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.