

Product Specification

Product Name:

 Lithium hexafluorophosphate solution - in ethylene carbonate and diethyl carbonate, 1.0 M LiPF₆ in EC/DEC=50/50 (v/v), battery grade

Product Number: 746746

Formula: LiPF₆

TEST	Specification
Appearance (Clarity)	Clear
Color Test (APHA)	≤ 50
Concentration	0.95 - 1.10 M
Lithium Hexafluorophosphate (LiPF ₆)	
Solvent Content	45.0 - 55.0 %
Volume%; Ethylene Carbonate	
Solvent Content	45.0 - 55.0 %
Volume%; Diethyl Carbonate	
Water (by Karl Fischer)	≤ 15 ppm
Hydrogen Fluoride (HF)	≤ 50 ppm
Chloride (Cl)	≤ 1 ppm
Sulfate (SO ₄)	≤ 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	-----
MU Ionic Solutions Corp	

Specification: PRD.1.ZQ5.1000043156

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. 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.

