Eata Battery

High-Concentration Ether

Catlog Number: BME-0013

Description

Super-concentrated LiFSI in DME designed to inhibit lithium dendrite growth and reduce solvent decomposition in lithium metal batteries.

Basic Information

Main Salt: LiFSI

Salt Concentration: 4.0 M

Solvent Ratio (Vol%): DME

Additive 1: N/A

Additive 2: N/A

Appearance: Pale Yellow

Water Content (KF): ≤ 30 ppm

Free Acid (as HF): ≤ 50 ppm

Density (25°C): 1.45-1.55 g/cm³

Conductivity (25°C): 4.0-6.0 mS/cm

Viscosity (25°C): 15-30 mPa·s

Chloride (Cl-): ≤ 2 ppm

Sulfate (SO4 2-): ≤ 5 ppm

Iron (Fe) Content: ≤ 2 ppm

Sodium (Na) Content: ≤ 2 ppm

Potassium (K) Content: ≤ 2 ppm

Operating Voltage: 0.0 - 4.5 V

Operating Temp: 0 to 55°C

Flash Point: 1-10°C

Solid Content: 40-50 wt%

Refractive Index: 1.43-1.53

Turbidity: ≤ 15 NTU

Color (APHA): ≤ 100

Packaging: Glass/SS

Storage

< 5°C, Ar

⚠ For Research or Industrial Raw Materials, Not For Personal Medical Use!

Eata Battery delivers the world's battery makers a single, reliable source for every high-performance raw material—cathode to collector, catalyst to membrane—so you can design, scale and ship next-generation batteries faster.

Tel: 1-631-637-0420 | 1-631-533-0595
Email: info@eataray.com
Suite 103, 17 Ramsey Road, Shirley, NY 11967, USA