

# ORGANICA®

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## Specification

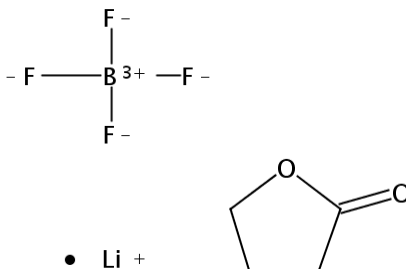
Code No. 79970

LiBF<sub>4</sub> /  $\gamma$ -Butyrolactone

CAS No. 14283-07-9

EEC No. 238-178-9

Chemical Name Lithium tetrafluoroborate solution in  $\gamma$ -Butyrolactone



Molecular Formula LiBF<sub>4</sub>

Molecular Weight 93.746

### Product Properties

Appearance	Clear colorless or yellowish liquid
Assay (LiBF <sub>4</sub> , w%)	7,4 – 8,6
Water (w%)	< 0.01
K + Na (w%)	< 0.01
Fe (w%)	< 0.0005
Pb (w%)	< 0.0005
Ni (w%)	< 0.001
Cu (w%)	< 0.0005
Density (25 °C, g/cm <sup>3</sup> )	1.166-1.182
Specific conductivity (25 °C, cm/m)	0.720 – 0.745
Maximum current difference on the potentiodynamic polarization curve ( $\mu$ A/cm <sup>2</sup> )	118

Storage Cool, dry, tightly closed

Application Organic electrolyte