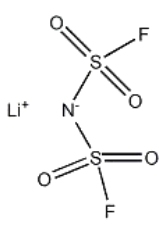




Hunan Chemfish Pharmaceutical Co.,Ltd

Tel :Tel :86-731-85567275 Phone :0086 -13021512891
Innovation Center 3107 ,Meixi Lake International Town Changsha City ,Hunan ,China
E-mail:sales@chemfish.com Website: <http://www.chemfish.com>

Certification Of Analysis

Product Name:	Lithium Bis(fluorosulfonyl)imide		
Molecular Formula:	F ₂ NO ₄ S ₂ .Li		
Molecular Weight:	187.07		
Batch No.:	CF20240326001	CAS No.:	171611-11-3
Mfg. Date:	2024.03.26		
Date of Report:	2024.03.26	Quantity:	100g
Expired Date:	2024.09.25	Package:	Bottle

Item	Method	Specifications	Results
Appearance	Visual inspection	White Powder	Confirm
Purity	100-sum of impurities	>99.5%	>99.9%
Water content (ppm)	Karl-Fisher Titration	<80	26.46
Melting point(°C)	DSC	140	143
Thermal decomposition(°C)	TGA	>200	Confirm
Insoluble substance (ppm)	Filtration	<300	80.12
Free Acid (ppm)	Acid-base neutralization	<5	3.25



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F (ppm)	Ion chromatography	<10	2.71
Cl (ppm)	Ion chromatography	<1	<1
SO ₄ ²⁻ (ppm)	Ion chromatography	<50	12.10
Fe (ppm)	ICP	<5	1.24
Na (ppm)	ICP	<1	<1
K (ppm)	ICP	<1	<1
Ca (ppm)	ICP	<1	<1
Cr (ppm)	ICP	<1	<1
Ni (ppm)	ICP	<1	<1
Pb (ppm)	ICP	<1	<1
Zn (ppm)	ICP	<1	<1
Cu (ppm)	ICP	<1	<1
Cd (ppm)	ICP	<1	<1
Mg (ppm)	ICP	<1	<1
Conclusion	The test results conform with the standards		

For and on behalf of
HUNAN CHEMFISH PHARMACEUTICAL CO., LTD.
湖南嘉航医药科技有限公司

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Authorized Signature(s)