

Lithium chloride, For Molecular Biology

MB038


Product Identifier

CAS No.	:	7447-41-8
EC No.	:	231-212-3
Molecular Formula	:	LiCl
Molecular Weight	:	42.39
HS Code	:	2827 39 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	White hygroscopic crystals or powder or granules or solid
Solubility	:	33.3 mg soluble in 1 mL of water
DNases	:	None detected
RNases	:	None detected
Insoluble matter	:	<= 0.01%
Titration base	:	<= 0.008 meq/g
Nitrate (NO ₃)	:	<= 0.001%
Sulfate (SO ₄)	:	<= 0.01%
Barium (Ba)	:	<= 0.003%
Heavy metals	:	<= 0.002%
Iron (Fe)	:	<= 0.001%
Calcium (Ca)	:	<= 0.01%
Potassium (K)	:	<= 0.01%
Sodium (Na)	:	<= 0.20%
Loss on drying (at 110°C, 2 hr)	:	<= 2.00%
Assay (AT, on dry basis)	:	>= 99.00%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H302- H315- H319- H335
Precautionary Statement(s)	:	P261- P280- P312- P321- P403 + P233- P501
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	OJ5950000
WGK	:	1