



Certificate of Analysis

Lithium Chloride ACS

Catalog Number: LC1001
Lot Number: 1206601
CAS Number: 7447-41-8
Molecular Formula: LiCl
Molecular Weight: 42.39
Storage: 15°C – 30°C
Retest Date: December 6, 2018

Test	Specification	Result
Appearance	White crystalline powder	Conforms
Assay (Titration)	≥ 99.0%	99.9%
Melting Point	613°C (approx.)	613°C
Solubility (.81g/mL)	Clear & colorless	Conforms
Moisture (LOD)	≤ 1.0%	< 1.0%
Insoluble Material	≤ 0.01%	0.005%
Titrate Base	≤ 0.008meq/g	< 0.008meq/g
Nitrate	≤ 0.001%	< 0.001%
Sulfate	≤ 0.01%	< 0.004%
Barium	≤ 0.003%	< 0.003%
Calcium	≤ 0.01%	0.006%
Iron	≤ 0.001%	0.0005%
Potassium	≤ 0.01%	0.004%
Sodium	≤ 0.20%	0.004%
Heavy Metals	≤ 0.002%	< 0.001%

Approved by:

John Grubb, PhD
Gojira Fine Chemicals, LLC
Quality Manager
Tel: 440-539-7033 Fax: 888-211-5523
john@gojiraafc.com

Date: December 15, 2016