





Hebei Molor Environmental Protection
Technology Co., Ltd.

Lithium bromide solution for lithium bromide refrigerator

CERTIFICATE OF ANALYSIS

DATE OF ANALYSIS: Jun 24, 2024

PRODUCTION NAME	lithium bromide solution												
Cargo batch number	Mo2024062401						Quantity			24000kg			
Type	ITMES												
	LiBr	Li ₂ MoO ₄	LiOH	Ca	Mg	SO ₄	Cl	Na	K	Cu	Fe	Cr	NH ₃
	wt%	ppm	N	ppm	ppm	wt%	wt%	wt%	wt%	ppm	ppm	Mg/kg	mg/L
Reference Value	55±0.5	130~170	0.06~0.07	<10	<10	<0.02	<0.05	<0.05	<0.01	<5	<5	<8	<0.16
RESULTS	55.1	160	0.065	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
ANALYSIS METHOD	HG/T 2822-2022 Lithium Bromide Solution for Refrigeration ME-BZ-001 Alkalinity Hydrochloric Acid Titration GB/T 6678 General Rules for Sampling of Chemical Products GB/T 6682 — 2008 Water for Analytical Laboratory Use — Specifications and Test Methods GB/T 8170 Rules for Rounding off of Numerical Values and Representation and Determination of Limit Values GB/T 3050-2000 General Method for the Determination of Chloride Content in Inorganic Chemical Products—Potentiometric Titration HG/T 3696.1 HG/T 3696.2 HG/T 3696.3												
ANALYSIS INSTRUMENTS	Atomic Absorption Spectrophotometer						UV Spectrophotometer						
	Automatic Potentiometric Titrator						Ion chromatograph						
QUALIFIED													
Abstract													
Finished product	ANALYST: 						AUDITOR: 						

Note: This report is in duplicate, one for the client and one for the file.

- Statement: 1. The reference value shall be provided by the customer. If the customer fails to provide the reference value, the industry standard mark HG/T2822-2012 shall apply.
2. The applicant shall be responsible for the authenticity of the samples and sample information provided by the applicant, and our company has not verified their authenticity.
3. The test results of this report are only responsible for the tested samples, and this report shall not be duplicated without the consent of our company.
4. The data and results in this report are used for the purposes of science, teaching, internal quality control and product research and development of the enterprise.