



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-252959
Lot Number: SAMPLE
Product Name: Lithium hexafluoroarsenate(V)
CAS Number: 29935-35-1
Molecular Formula: LiAsF_6
Molecular Weight: 195.85

Test	Specification	Result
Purity	$\geq 99 \%$	99.8 %
insoluble	$\leq 20 \text{ ppm}$	4 ppm (in 2M Propylene Carbonate)
pH	6.0 - 7.0	6.54 (of 1M solution)
Acid Value	$\leq 0.1 \text{ meq/mol}$	0.048 meq/mol
Aluminum	$\leq 50 \text{ ppm}$	ND
Chloride	$\leq 50 \text{ ppm}$	7.2 ppm
Iron	$\leq 50 \text{ ppm}$	2.39 ppm
Lead	$\leq 25 \text{ ppm}$	ND
Nickel	$\leq 10 \text{ ppm}$	0.28 ppm
Potassium	$\leq 100 \text{ ppm}$	32.6 ppm
Sodium	$\leq 200 \text{ ppm}$	59.17 ppm
Water Content	$\leq 100 \text{ ppm}$	98 ppm

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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