

⁷Li Enriched Lithium Hydroxide Monohydrate –Ultra High Purity

PRODUCT CAPABILITIES

Standard Material

<u>Characteristic</u>		<u>Capability</u>	
Enrichment, Isotopic Lithium-7	99.9	wt. % ⁷ Li	Minimum
Lithium Hydroxide	48-58	wt. %	
Water (Monohydrate)	42-52	wt. %	
Lead (Pb)	0.001	wt. %	Maximum
Zinc (Zn)	0.0005	wt. %	Maximum
Mercury (Hg)	0.00005	wt. %	Maximum
Chloride (Cl)	0.05	wt. %	Maximum
Fluoride (F)	0.05	wt. %	Maximum
Lithium Carbonate	1.0	wt. %	Maximum
Sulfates	0.01	wt. %	Maximum
Sodium (Na)	0.003	wt. %	Maximum
Insolubles	0.01	wt. %	Maximum

- Meets and exceeds the chemical quality requirements of Westinghouse PD Specification 52203BA, Rev. E.
- Packaging: Double bagged and heat-sealed in polyethylene bags, and enclosed within safety sealed steel drums to prevent contamination or moisture exposure. Non-Standard packaging is available. Please inquire about additional charges.
- Certificate of Analysis provided with each shipment. Re-certification services are available at an additional charge and receipt of a 25-gram sample.
- Lithium hydroxide is normally sold in terms of the “Contained ⁷Li content”. The total product typically contains 16.5 ±0.4 wt% of the isotope ⁷Li element.

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