



Chemistry for Safer, Sustainable Life

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Lithium formate monohydrate Data Sheet

Catalog sizes	100g , Listed as 100g Lithium formate monohydrate, 100FO12 500g , Listed as 500g Lithium formate monohydrate, 500FO12 1kg , Listed as 1kg Lithium formate monohydrate, 1000FO12
Category	Formate & Acetate Salts
Product specification	Crystalline white powder <ul style="list-style-type: none">• Product ID : FO12• Purity : 98%+• CAS : 6108-23-2• Molecular formula : CH₃LiO₃• Molecular mass : 69.97g/mol• Mp : 92 - 96°C• Solubility : 285-295g/L in water
Product description	Lithium formate monohydrate (LiHCOO·H ₂ O) is known for its piezoelectric properties and its susceptibility to nonlinear optics. Today, it is mostly studied for applications in clinical EPR dosimetry. Unlike sodium, potassium, and cesium formate, lithium formate is slightly hygroscopic which makes it more user-friendly.