



Chemistry for Safer, Sustainable Life

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### Lithium formate monohydrate Data Sheet

<b>Catalog sizes</b>	<b>100g</b> , Listed as 100g Lithium formate monohydrate, 100FO12 <b>500g</b> , Listed as 500g Lithium formate monohydrate, 500FO12 <b>1kg</b> , Listed as 1kg Lithium formate monohydrate, 1000FO12
<b>Category</b>	Formate & Acetate Salts
<b>Product specification</b>	Crystalline white powder <ul style="list-style-type: none"><li>• Product ID : FO12</li><li>• Purity : 98%+</li><li>• CAS : 6108-23-2</li><li>• Molecular formula : CH<sub>3</sub>LiO<sub>3</sub></li><li>• Molecular mass : 69.97g/mol</li><li>• Mp : 92 - 96°C</li><li>• Solubility : 285-295g/L in water</li></ul>
<b>Product description</b>	Lithium formate monohydrate (LiHCOO·H <sub>2</sub> 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.