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## Typical Product Specifications & Properties

# Cadmium Nitrate Tetrahydrate

CAS Number: : 10022-68-1

Specifications	Limits
Molecular weight	308.48
EINECS	232-146-8
SMILES	[N+](O)(=O)[O-].[N+](O)(=O)[O-].[Cd+2]
InChI	IZIPRBSCGMISKX-UHFFFAOYSA-N
InChIKey	1S/Cd.2HNO3/c;2*2-1(3)4/h;2*(H,2,3,4)/q+2;;
Stability	Stable. Incompatible with reducing agents, organic materials, phosphorus, copper, copper alloys, organic materials. Strong oxidizer - contact with combustible materials may lead to fire.
Density	2,45 g/cm <sup>3</sup>
Flash Point	132&deg;C
Water solubility	Soluble in water.(109 g/100ml)at 0 C and (326 g/100ml)at 60 C.Soluble in ammonia, acetone and alcohol.
Melting Point	59.5 &deg;C
Boiling Point	132 &deg;C
Merck	14,1622



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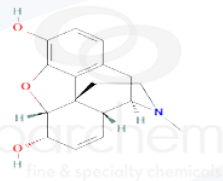
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Specifications	Limits
Chemical Structure	



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