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## Typical Product Specifications & Properties

# Calcium Nitrate Tetrahydrate

CAS Number: : 13477-34-4

Specifications	Limits
Molecular weight	236.15
EINECS	233-332-1
SMILES	[N+](O)(=O)[O-].[N+](O)(=O)[O-].O.O.O.O.[Ca+2]
InChI	DKCJOKYHYIAZQH-UHFFFAOYSA-N
InChIKey	1S/Ca.2HNO3.4H2O/c;2*2-1(3)4;;;;/h;2*(H,2,3,4);4*1H2/q+2;;;;;
Storage Temperature	Store at room temperature.
Boiling Point	132 &deg;C
Water solubility	1470 g/L (0 °C)
Flash Point	132&deg;C
Solubility	H2O: 1 M at 20 &deg;C, clear, colorless
Sensitive	Hygroscopic
Density	1.86



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Specifications	Limits
Stability	Stable. Strong oxidizer.
Melting Point	44 &deg;C (dec.)
Merck	14,1682



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