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Typical Product Specifications & Properties

Cesium Nitrate

CAS Number: : 7789-18-6

Specifications	Limits
Molecular weight	194.91
EINECS	200-272-2
SMILES	[Cs+].[O-][N+](=[O-])=O
Boiling Point	233 °C
Stability	Stable, but hygroscopic. Oxidizer. Contact with combustible material may cause fire. Decomposes at high temperatures. Incompatible with strong reducing agents, alcohols, organic materials, aluminium.
Color	<5 (200 mg/mL)(APHA)
Water solubility	9.16 g/100 mL (0 °C)
Storage Temperature	2-8°C
Density	3.685 g/mL at 25 °C
Merck	14,2015
Solubility	H2O: 100 mg/mL
Refractive Index	1.55



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Specifications	Limits
Melting Point	414 °C
Form	powder
Sensitive	Hygroscopic



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