

## **SLI Technologies, Inc**

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### **Specification**

**Spermine Dihydrate, 98%**  
**CAS # [403982-64-9]**

Product Code:	1212101
Synonyms:	N,N'-Bis-(3-Aminopropyl)-1,4-Butanediamine Hydrate N,N'-Bis (3-Aminopropyl)-1,4-Tetramethylenediamine 1,4-Bis (Aminopropyl) Butanediamine
CAS Number:	403982-64-9
Chemical Formula:	C <sub>10</sub> H <sub>30</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight:	238.38

#### **Technical Specification**

Form (25°C):	Solid or semi-solid
Color (25°C):	Clean, white
Assay (GC):	min 98.0%
Melting Point (°C):	63-65
pH (25°C, 1M in water):	12.0-13.5
Water Content (Karl Fischer):	15.0-16.0%
Retest Recommendation:	2 years