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## Inositol

(Hexahydroxycyclohexane),  $C_6H_6(OH)_6$  180.16 CAS RN®: 87-89-8.—Fine, white crystals or a white, crystalline powder; stable in air. Its solutions are neutral to litmus. Optically inactive. One g dissolves in 5.7 mL of water. Slightly soluble in alcohol; insoluble in ether and in chloroform. Store in well-closed containers.

**MELTING RANGE (741):** between 223° and 226°.

**LOSS ON DRYING (731):** Dry it at 105° for 4 hours: it loses not more than 0.5% of its weight.

**Residue on Ignition (Reagent test):** not more than 0.1%.

**Auxiliary Information** - Please [check for your question in the FAQs](#) before contacting USP.

Topic/Question	Contact	Expert Committee
INOSITOL	<a href="#">Margareth R.C. Marques</a> Principal Scientific Liaison	HDQ Headquarters

**Most Recently Appeared In:**

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