



## Specification

### 4-Chlorothymol

**Catalog Number:** CT1011  
**CAS Number:** 89-68-9  
**Synonyms:** 4-Chloro-2-isopropyl-5-methylphenol  
**Molecular Formula:** C<sub>10</sub>H<sub>13</sub>ClO  
**Molecular Weight:** 184.66

Test	Specification
Appearance:	White to Off White crystalline powder
Identification (IR):	Conforms to structure
Melting Point:	≥ 57.5 deg. C
Assay (GC):	99.5% minimum
Assay (Titration): (AGNO <sub>3</sub> after Oxygen Combustion)	99.5% -101.5%
Solubility:	10% in Ethanol, clear to very slightly hazy yellow solution.
Thymol:	≤ 0.10%
2-Chlorothymol:	≤ 0.01%
Bromothymol:	≤ 0.01%

Approved:

Date: March 10, 2020

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