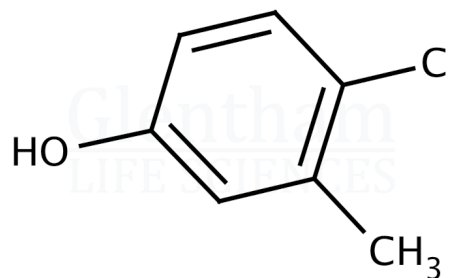


Certificate of Analysis

Product Name	4-Chloro-3-methylphenol, BP, Ph. Eur., USP grade
Glentham Code	GK9303
CAS Number	59-50-7
EINECS	200-431-6
MDL Number	MFCD00002323
Batch Number	719GRK
Molecular Weight	142.59
Molecular Formula	C ₇ H ₇ ClO
Storage Temp.	+20°C



Property	Specification	Batch 719GRK
Physical Description	White crystalline powder or colourless crystals	White crystals
Identification	To pass tests B, C for Ph. Eur. and A, B for USP	Conforms
Melting Point	64 - 66 °C	65.1°C
Solubility	Slightly soluble in water, very soluble in ethanol, freely soluble in fatty oils	Conforms
Appearance of Solution	Clear, colour ≤ BY6	Conforms
Acidity	≤ 0.2ml (of 0.01M NaOH required)	≤ 0.1ml
Any Individual Impurity	≤ 0.1%	0.0%
Total Impurities	≤ 1.0%	0.0%
Non-Volatile Matter	≤ 0.1%	Conforms
Assay	98.0 - 101.0 % (BP, Ph. Eur.)	99.6%
Assay	99.0 - 101.0 % (USP)	99.6%
Purity (GC)	≥ 99.5%	99.5%
Pharmacopoeia Specification(s)	BP, Ph. Eur., USP	Conforms

Specification Version	v1.0
Manufacture Date	2022-08-29
Re-Test Date	2031-03-20

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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