

Certificate of Analysis

Product Name: PHENOL
 >= 96.0 % T calc. on dry substance
Product Number: 16018
Batch Number: BCCB4333
CAS Number: 108-95-2
Formula: C₆H₅OH
Formula Weight: 94.11

TEST	SPECIFICATION	RESULT
APPEARANCE (COLOR)	COLORLESS OR WHITE	COLORLESS
APPEARANCE (FORM)	VISCOUS LIQUID OR SOLID	VISCOUS LIQUID
TITRATION (T) NAOH 0.1M	88.0 - 92.0 %	88.3 %
WATER	8 - 11 %	10.0 %
INFRARED SPECTRUM	CONFORMS TO STRUCTURE	CONFORMS
APPLICATION TEST	HEAVY METALS (AS PB) ≤ 3PPM	< 3 PPM
ASSAY	≥ 96.0% (CALCULATED TO DRY SUBSTANCE)	98.1 % (CALCULATED TO DRY SUBSTANCE)
MISCELLANEOUS TESTS	NON VOLATILE MATTER ≤ 0.03%	CORRESPONDS
METAL TRACE ANALYSIS (ICP)	CORRESPONDS TO REQUIREMENTS	PASSED
IRON (ICP)	≤ 1 MG/KG	< 1 MG/KG
CHLORIDE (CL)	≤ 5 MG/KG	< 5 MG/KG