

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Phenol Crystals 99.5 % AR

Catalog Number : O-5092

Batch Number : 5092-00000000

CAS Number : 108-95-2

Molecular Weight : 94.11 g/mol

Mol. Formula : C_6H_5OH

Expire Date : 60 Months

SAMPLE

No	Test	Specifications	Results
1	Appearance	Colorless hygroscopic crystals with a characteristic odour, turns pink on exposure to air and light	Colorless hygroscopic crystals with characteristic odour (turns pink on exposure to air and light)
2	Assay (GC)	min 99.5 %	99.79%
3	Clarity of solution	Passes test	Passes test
4	Freezing point	40.0 - 41.0 °C	40.8 °C
5	Solubility (5 % in water)	Clear , colorless solution	complies
6	pH (5 % solution)	4.5 – 6.0	5.5
7	Non-volatile matter	max 0.02 %	0.003%
8	Chloride (Cl)	max 0.005 %	0.0016%
9	Sulphate (SO ₄)	max 0.005 %	< 0.005 %
10	Iron (Fe)	max 0.0001 %	0.00007%
11	Heavy metals (as Pb)	max 0.0001 %	< 0.0001 %
13	Water (H ₂ O)	max 0.5 %	0.135%
14	Cresols content	max 0.1 %	0.0575%

Corresponds to AR / ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specificationSUDIRO S.Si.
Manager QC