

Material	20599.260
Material description	Phenol
Grade	AnalaR NORMAPUR discrete crystals ACS, Reag. Ph. Eur.
CAS Number	108-95-2
Molecular formula	C ₆ H ₆ O
Molecular mass	94.11

Characteristics	Specifications
Assay	99.0 --> 100.5 %
Assay (GC)	Min. 99.5 %
Acidity	Passes test Ph.Eur.
Appearance of solution	Passes test Ph.Eur.
Clarity of solution	Passes test ACS
Identification A	Passes test Ph.Eur.
Identification B	Passes test Ph.Eur.
Identification C	Passes test Ph.Eur.
Solution S	Passes test Ph.Eur.
Freezing point	Min. 40.5 °C
o-Cresol	Max. 0.05 %
m-Cresol	Max. 0.05 %
p-Cresol	Max. 0.05 %
Evaporation residue	Max. 100 ppm
Heavy metals (as Pb)	Max. 10 ppm
Insolubility in water	Max. 50 ppm
Water	Max. 0.2 %
Cl (Chloride)	Max. 5 ppm
Cu (Copper)	Max. 0.05 ppm
Fe (Iron)	Max. 1 ppm
K (Potassium)	Max. 10 ppm
Na (Sodium)	Max. 10 ppm
Pb (Lead)	Max. 0.1 ppm
Zn (Zinc)	Max. 0.5 ppm
Conforms to ACS	Passes test
Conforms to Reag. Ph.Eur.	Passes test

Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

Anja Vanhalle, Head of Laboratory - Haasrode
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