

1904– HYDROQUINONE, AR GRADE (QUINOL)

REF NO: TBL/QA/SS/LC/1904	STANDARD SPECIFICATION FOR HYDROQUINONE, AR GRADE (QUINOL)	Rev. No: 03
Issue No: 04		Review Date: 14/03/2025
Issue Date: 15/03/2022		Product code: 1904

PRODUCT PROPERTIES

C.A.S Number	123-31-9
Chemical Formula	C ₆ H ₆ O ₂
Formula weight	110.11
Functional Uses	Hydroquinone has been used as reagent for the conversion of DNA by sodium bisulfite. It has also been used as a chemical in Timm's staining.
Standard Packaging	500 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Fine crystal/needle or colourless crystalline powder. Darken on exposure to air and light.
Solubility (4% soln.)	Solution in water is clear & colourless not more than fainty colour

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Sulphate (SO ₄)	NMT –0.02%
Sulphated Ash	NMT – 0.05%
Catechole (GC)	NMT – 0.1%
Iron (Fe)	NMT – 0.001%
Heavy Metal (Pb)	NMT – 0.001%
Water	NMT – 0.5%
M.P	172 – 1740C
Assay	NLT – 99.5%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.