

144 – TERT.-BUTYL HYDROQUINONE (TBHQ)

Ref No: TBL/QA/SS/LC/144	STANDARD SPECIFICATION FOR TERT.-BUTYL HYDROQUINONE (TBHQ)	Rev. No: 03
Issue No: 04		Review Date: 31/10/2025
Issue Date: 01/11/2022		Product code: 144

PRODUCT PROPERTIES

C.A.S Number	1948-33-0
Chemical Formula	C ₁₀ H ₁₄ O ₂
Formula weight	166.22
Functional Uses	TBHQ is frequently used as a food preservative. In low concentrations it shows cytoprotective qualities while at higher concentrations it exhibits cytotoxic behavior.
Standard Packaging	500 gm, 100 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White to off-white powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Melting Point	127 – 129°C
Arsenic (As)	NMT – 3 ppm
Heavy Metal (Pb)	NMT – 10 ppm
Assay	NLT – 97.0%

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

