



Technical Data Sheet

YANTQ®TBHQ

(Tertiary butyl hydroquinone)

Composition	2-tert-butylbenzene-1,4-diol
CAS No.	1948-33-0
EC No.	217-752-2
Molecular Formula	C ₁₀ H ₁₄ O ₂
Molecular Weight	166

Property	Unit	Typical Value	Test Method
Appearance	NA	White to light tan crystalline powder	Visual
Identification	NA	Passes	QCD/TM/129
Odour		Faint	QCD/TM/28
Assay (Titration)	%	99.0 min.	QCD/TM/01
Melting point	°C	126.5 - 128.5	QCD/TM/25
Lead	ppm	2.0 max.	QCD/TM/94
Toluene	ppm	25.0 max.	QCD/TM/245
2,5-DiTBHQ	%	0.2 max.	QCD/TM/03
Hydroquinone	%	0.1 max.	QCD/TM/04
Tert-Butyl-p-Benzoquinone	%	0.2 max.	QCD/TM/02
Ultraviolet Absorbance (Polynuclear Hydrocarbon)	NA	Passes	QCD/TM/06
Solubility	NA	It is soluble in alcohol and in ether and it is practically insoluble in water	QCD/TM/81
Arsenic (as As)	ppm	3.0 max.	QCD/TM/88
Heavy metal (as Pb)	ppm	10.0 max.	QCD/TM/92
Free from extraneous matter or foreign particles	NA	Passes	QCD/TM/20

Application:

YANTQ®TBHQ is used as an Antioxidants for Edible Oils, Confectionery, Meat Products & Citrus Oils. Polymerisation Inhibitor for Resins & Unsaturated Polyester.

Packing:

Available in 20 Kg Box.

Storage stability:

Store in a cool and dry place. Stable for up to 12 months from the date of manufacturing when stored in the original packing material in a cool and dry environment.

Safety:

Please refer safety data sheet

Rev.03 DT. 01.05.2020

YANTQ is a registered trademark of YASHO INDUSTRIES LIMITED and/or its respective wholly owned subsidiaries

YASHO INDUSTRIES LIMITED

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