



Dulcette Technologies LLC

ISSUE NO. : 05 DATE : 02/05/2007  
REV. NO. : 01 DATE : 10 /02/2009

DOC NO. : ASFC / 007  
PAGE NO. 1 / 4

1. PRODUCT NAME : Tert – Butyl Hydroquinone (TBHQ)
2. MANUFACTURER : Camlin Fine Chemicals Limited  
Plot No.F11 & F12, WICEL, Opp.SEEPZ Main Gate,  
Central Road, Andheri (E), Mumbai – 400093.  
India
3. DESCRIPTION : TBHQ is a white crystalline powder  
having a characteristic odour. It is soluble in  
alcohol and practically insoluble in water.
4. CHEMICAL NAME : Tert – Butyl - Hydroquinone
5. MOLECULAR FORMULA :  $C_{10}H_{14}O_2$
6. MOLECULAR WEIGHT : 166.22
7. IDENTIFICATION : CAS Number 1948 – 33 – 0
8. ABBREVIATIONS : FCC = Food Chemical Codex

**Dulcette Technologies LLC**  
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PAGE NO. 2 / 4

ANALYTICAL TESTING

TESTS	SPECIFICATIONS	METHOD
9. IDENTIFICATION		
A) Description	White to crystalline powder having a characteristic odour	FCC
B) Solubility	Soluble in alcohol and practically insoluble in water	FCC
C) Melting Range	Between 126.5°C to 128.5°C	FCC
10. PURITY		
A) Assay (Titrimetric)	Min. 99% of $C_{10}H_{14}O_2$	FCC
B) Tert – Butyl – p – Benzoquinone (IR)	Max. 0.2 %	FCC
C) 2,5 – Di – tert – Butyl Hydroquinone	Max. 0.2 %	FCC
D) Hydroquinone content (GC)	Max. 0.1 %	FCC
E) Toulene (GC)	Max. 0.0025 %	FCC
F) Heavy Metals (as Pb)	Max. 2 ppm 280 – 289 nm – net abs Max. 0.15	FCC FCC
G) Ultraviolet Absorbance (polynuclear hydrocarbon)	290 – 299 nm – net abs Max. 0.12 300 – 359 nm – net abs Max. 0.08 360 – 400 nm – net abs Max. 0.02	FCC

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PAGE NO. 3 / 4

11. CONFORMITY : A) FCC – Food Chemical Codex
- B) Genetically Modified Organisms – TBHQ is not produced from ingredients or processing aids derived by genetic modification. TBHQ does not contain any genetically modified organisms.
- C) BSE – No animal derived ingredient whatsoever are used in the production of TBHQ. Further there is no animal derived ingredient used in the facility where TBHQ is produced.
- D) ISO CERTIFICATION – TBHQ is ISO 22000 : 2005 Certified .
- E) KOSHER – TBHQ is Kosher & Pareve and can be used in Kosher food industry, pharmaceuticals & other Kosher products.
- F) HALAL – TBHQ is Halal certified.
12. SHELF LIFE : 3 years from the date of manufacture, when properly stored in sealed original container.
13. PACKAGING : 25 kg fiber drums with double – liner polyethylene inner bags
- 25 kg packed in polyethylene bag inside multilayer paper bag.

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PAGE NO. 4 / 4

14. PACKAGING : The label includes product name, batch number, gross weight, net weight, manufacturing date and expiration date.

15. LOT CODING : ATB009G001

A = Plant Location (Tarapur)  
TB = Product Name (TBHQ)  
0 = Mfg. stage  
09 = Year of manufacture  
G = Month of manufacture (July)  
001 = Batch No. / Series No.

16. CERTIFICATION : ISO 22000 : 2005  
HACCP  
KOSHER

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