



## CERTIFICATE OF ANALYSIS

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### 1. Identification

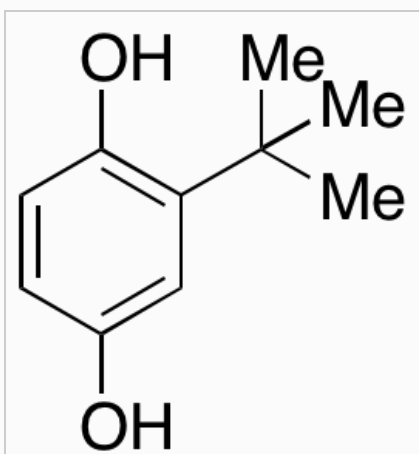
**Catalogue Number:** B692950

**CAS Number:** 1948-33-0

**Synonym:** 2-(1,1-Dimethylethyl)hydroquinone; 2-(tert-Butyl)-p-hydroquinone; 2-tert-Butylhydroquinone; 2-tert-Butyl-1,4-benzenediol; 2-tert-Butyl-1,4-dihydroxybenzene; 2-tert-Butyl-1,4-hydroquinone; 2-tert-Butylhydroquinone; Banox 20BA; Grindox 204; Grindox 450; Keniox 20; MC-TB 20; MTBHQ; Mono-tert-butylhydroquinone; Mono-tertiarybutylhydroquinone; NSC 4972; TBHQ; Tenox 20; Tenox TBHQ; t-Butylhydroquinone; t-Butylhydroquinone; tert-Butyl-1,4-benzenediol; tert-Butyl-1,4-dihydroxybenzene; tert-Butyldihydroxybe

**Product:** tert-Butylhydroquinone

**Structure:**



**Molecular Formula:**

$C_{10}H_{14}O_2$

**Molecular weight:**

166.22

**Source of Product:**

N/A

**Solubility:**

DMSO (Slightly), Methanol (Slightly)

**Lot Number:** 39-GHZ-167-1

**Purity:** 98%

**Shipping Condition:** This Product Is Stable To Be Shipped At Room Temperature

**Storage Condition:** 4°C

### 2. Warning

**Warning 1:** Not Determined

**Warning 2:**

**Warning 3:**

### 3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Off-White Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	>95%	96.05% (205 nm)

**Additional Information:** N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm 2\%$ . Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

### 4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Henry Tieu	Toni Rantanen	My Nguyen	8/11/2020	8/9/2027
