

CERTIFICATE OF ANALYSIS

(Certificate No. KMB129001-01)

Release Date: 18/08/2025

Re-test Date: 17/08/2028

Butylhydroxytoluene

Identification

Chemical Name :

2,6-bis(1,1-dimethylethyl)-4-methylphenol (as per EP)

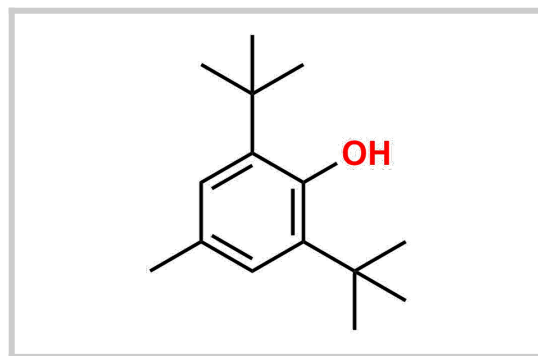
Alt. Name : Butylated Hydroxytoluene (USP)

CAT No. : KMB129001

CAS No. : 128-37-0

Molecular Formula : C₁₅H₂₄O

Molecular Weight : 220.4



Analytical Information

Batch No. : B129001-102

Description : Off white solid

HPLC Purity : NLT 98.1 %

Weight Loss By TGA : NLT 0.1 %

% Potency : 98 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.1(Weight Loss By TGA)] x [98.1(HPLC Purity)]/100 = 98 %

Recommendation : Released

| | Department | Name | Signature | Date |
|------------------------|-----------------|---------------|-----------|------------|
| Prepared By | Analytical | Jignesh Patel | | 18/08/2025 |
| Reviewed & Approved By | Quality Control | Jatin Patel | | 18/08/2025 |

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA