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)

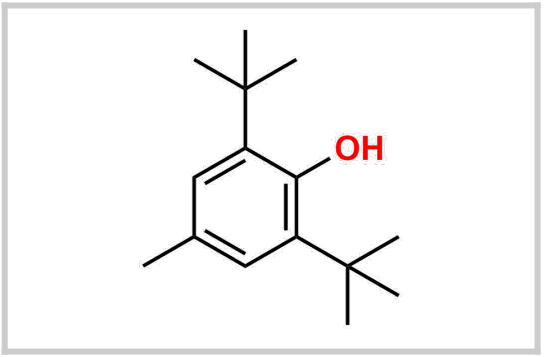
Alt. Name : Butylated Hydroxytoluene (USP)

CAT No. : KMB129001

CAS No. : 128-37-0

Molecular Formula : C15H24O

Molecular Weight : 220.4



Analytical Information

Batch No.	: B129001-102	**Solubility**	: Acetonitrile
Description	: Off white solid	**Mass**	: Confirm
HPLC Purity	: NLT 98.1 %	**IR**	: Confirm
Weight Loss By TGA	: NLT 0.1 %	**1H NMR**	: Confirm
% Potency	: 98 %		

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