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CERTIFICATE OF ANALYSIS

Analysis Date: Jan 2023

Re-test Date: Dec 2025

Product Name: Bisotrizole (In House Standard)

Identification:

Chemical Name: Phenol, 2,2'-methylenebis[6-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)]- (as per USP)

Synonyms : NA

CAS Number : 103597-45-1

CAT Number : CP-B58000

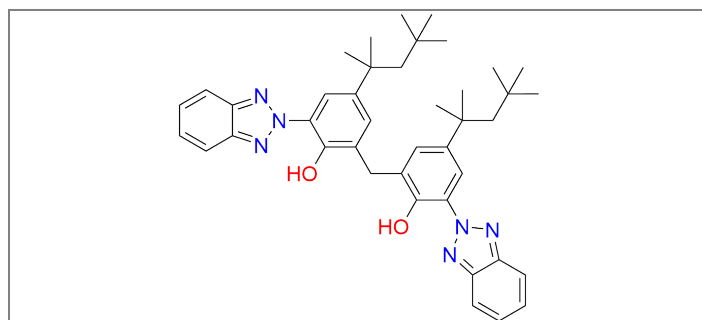
Molecular Formula : C41H50N6O2

Molecular Weight : 658.89

Batch Number : CHEM-BIS-H

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in CDCl ₃ , 1,4-Dioxane+2 Drops methanol
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	99.04%
5)	H1NMR	Confirm to structure
6)	13CNMR	Confirm to structure
7)	Weight loss by TGA	1.443%
8)	Potency by TGA	97.59%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Manager QC Analytical)

Approved By

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.