



CERTIFICATE OF ANALYSIS

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1. Identification

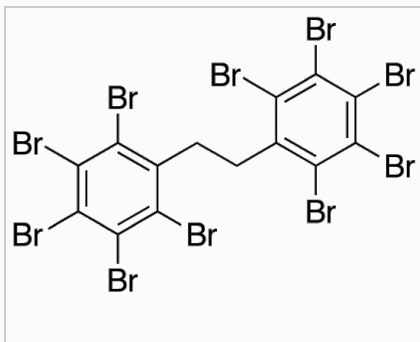
Catalogue Number: D212800

CAS Number: 84852-53-9

Product: Decabromodiphenylethane

Synonym: 1,2-Bis(2,3,4,5,6-pentabromophenyl)ethane;
1,2-Bis(pentabromophenyl)ethane;
Bis(pentabromophenyl)ethane; CG 801;
Decabromodiphenylethane; Decadiphenyl
8010; Ethylenebis(pentabromobiphenyl);
Ethylenebis(pentabromobenzene); F 8010; FCP
801; FR 105; Firemaster 2100; Planelon BDE;
RDT 3; S 8010; Saytex 4010; Saytex 8010;
Yabao 8010

Structure:



Molecular Formula:

C₁₄H₄Br₁₀

Molecular weight:

971.22

Source of Product:

N/A

Solubility:

Dioxane (Slightly)

Lot Number: 711966998-3-1

Purity: 95%

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

Storage Condition: 20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Pale Beige Solid	Off-White to Pale Beige Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 17.37, %H: 0.26
FT-IR	Conforms to Structure	Conforms

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
swathi reddy	Toni Rantanen	Chanell Chu	3/5/2024	3/3/2028