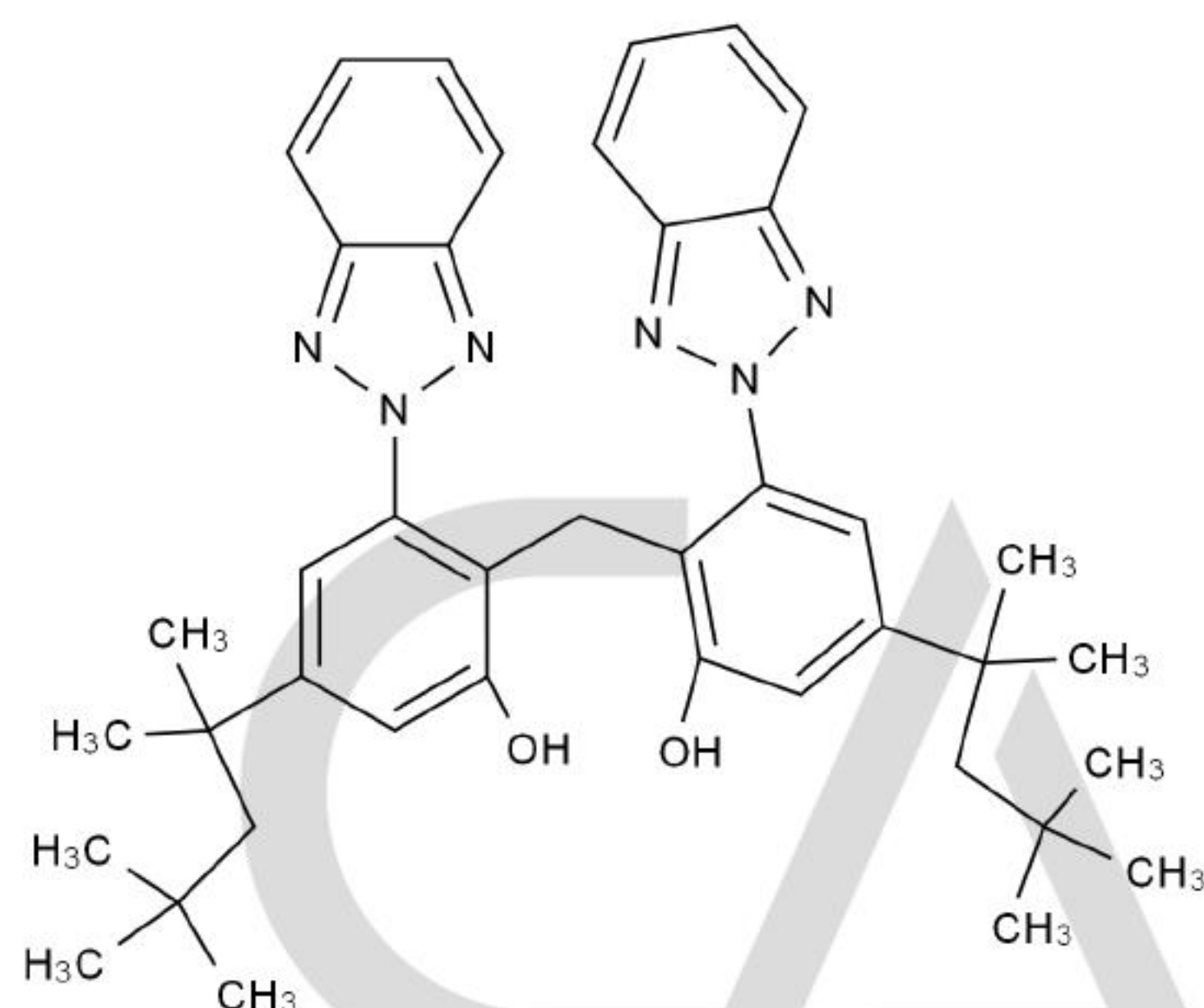


Certificate of Analysis

Reference Material & Standard

Product Name:	Ultraviolet Absorbent Uv-360	Catalogue Number:	CCHM700835
Synonyms:	N/A	Lot Number:	0417-RF-0078
CAS Number:	103597-45-1	Expiry Date:	Apr 16, 2028
Molecular Formula:	C ₄₁ H ₅₀ N ₆ O ₂	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	658.87	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.8%
Assay	qNMR	99.5%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Apr 17, 2024

Date: Apr 18, 2024

Date: Apr 18, 2024

