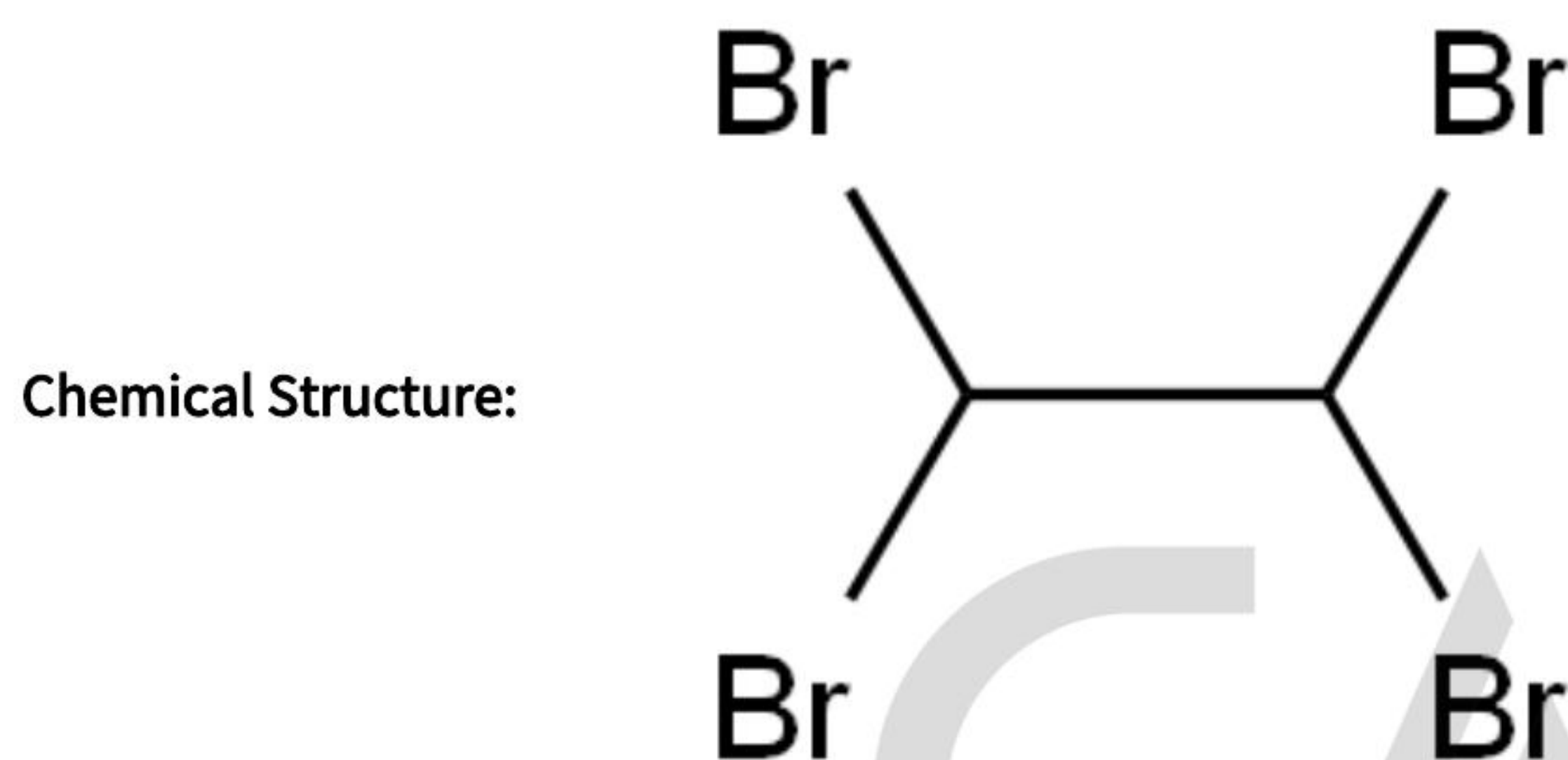


Certificate of Analysis

Reference Material

Product Name:	1,1,2,2-Tetrabromoethane	Catalogue Number:	CCEM500004
Chemical Name:	N/A	Lot Number:	1227-RD-0021
CAS Number:	79-27-6	Expiry Date:	Dec 28, 2028
Molecular Formula:	C ₂ H ₂ Br ₄	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	345.65		



Test Items	Method	Results
Appearance	Visual inspection	Colourless Liquid
Identification	GCMS&HNMR	Confirmed
Purity	GC	98.8%
Assay	qNMR	98.3%
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:

Debia

Reviewed by:

Lisa

Aporoved by General manager:

David

Date: Dec 29, 2022

Date: Dec 30, 2022

Date: Dec 30, 2022

