

Certificate of Analysis

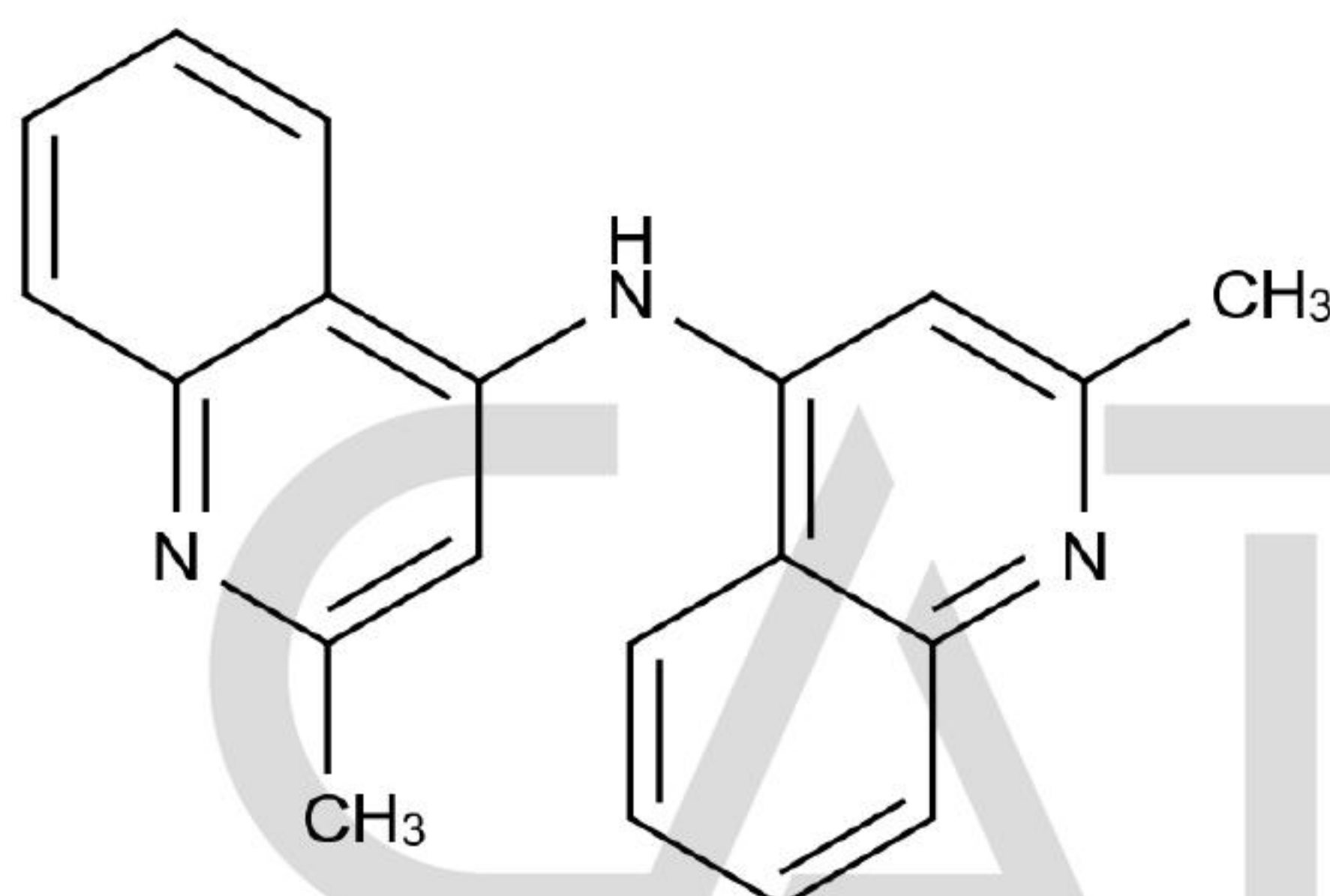
Reference Material & Standard

Product Name:	Dequalinium impurity 18	Catalogue Number:	C4X-193618
Synonyms:	N/A	Lot Number:	0708-RH-0023
CAS Number:	2377370-96-0	Expiry Date:	Jul 07, 2030
Molecular Formula:	C ₂₀ H ₁₇ N ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	299.37	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	HRMS&HNMR	Confirmed
Purity	HPLC	98.33%
Loss on Drying	TGA	5.7657%
Assay		92.7%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Reviewed by:

Approved by General Manager:

Date: Jul 08, 2026

Date: Jul 09, 2026

Date: Jul 09, 2026



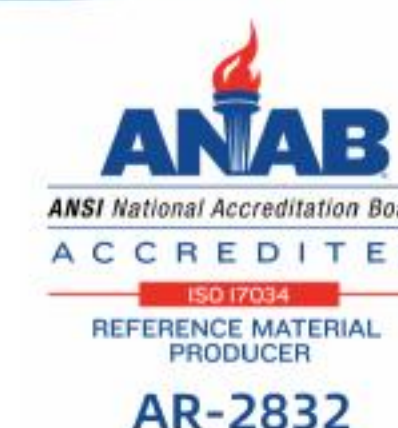
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