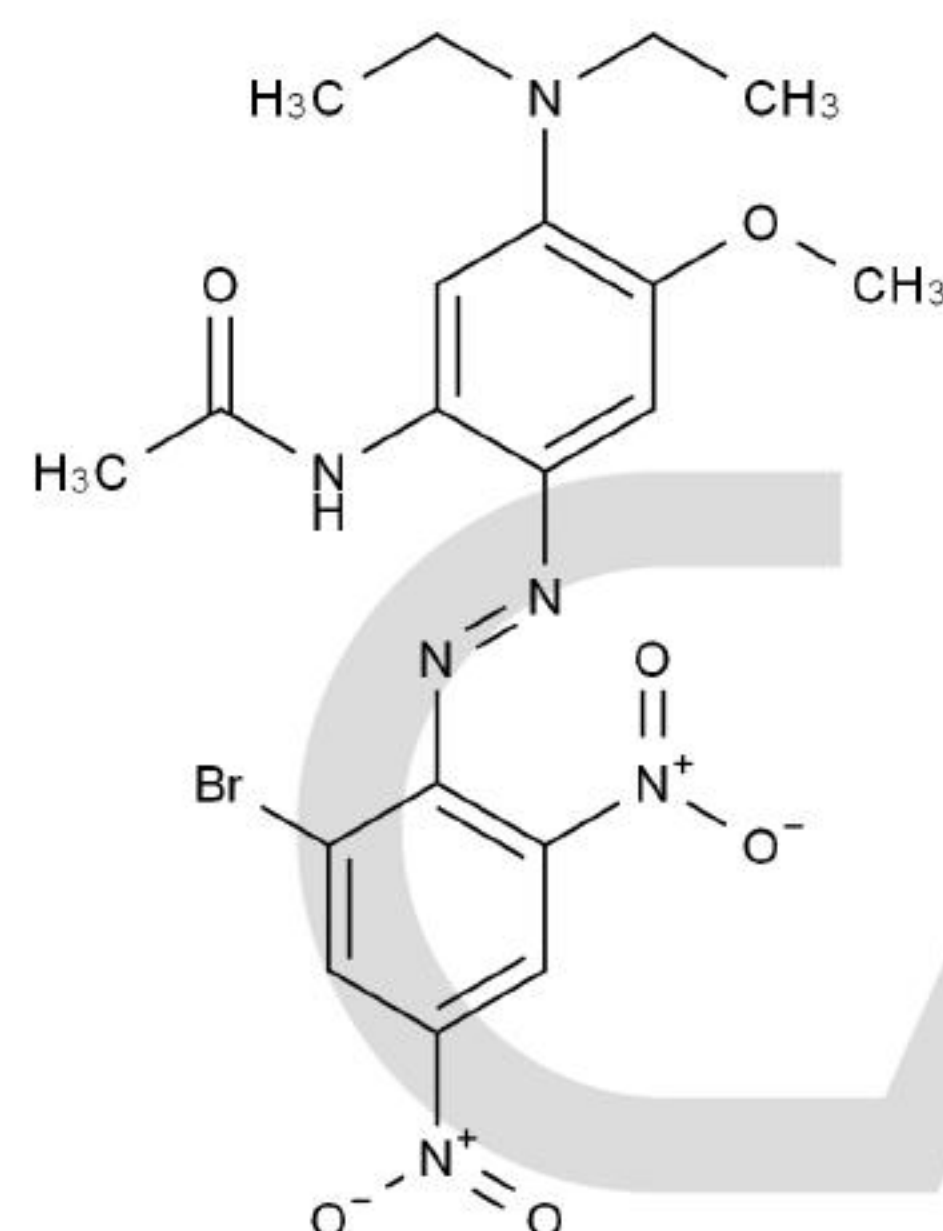


Certificate of Analysis

Reference Material & Standard

Product Name:	Disperse Blue 291	Catalogue Number:	CCHM702161
Synonyms:	N/A	Lot Number:	0706-RH-0137
CAS Number:	56548-64-2	Expiry Date:	Jul 08, 2030
Molecular Formula:	C ₁₉ H ₂₁ BrN ₆ O ₆	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	509.31	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.5%
Assay	qNMR	91.8%
Uncertainty		±1.5%

Comment:

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:

Nice

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 09, 2026

Date: Jul 09, 2026

Date: Jul 09, 2026



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