

Certificate of Analysis

Reference Material & Standard

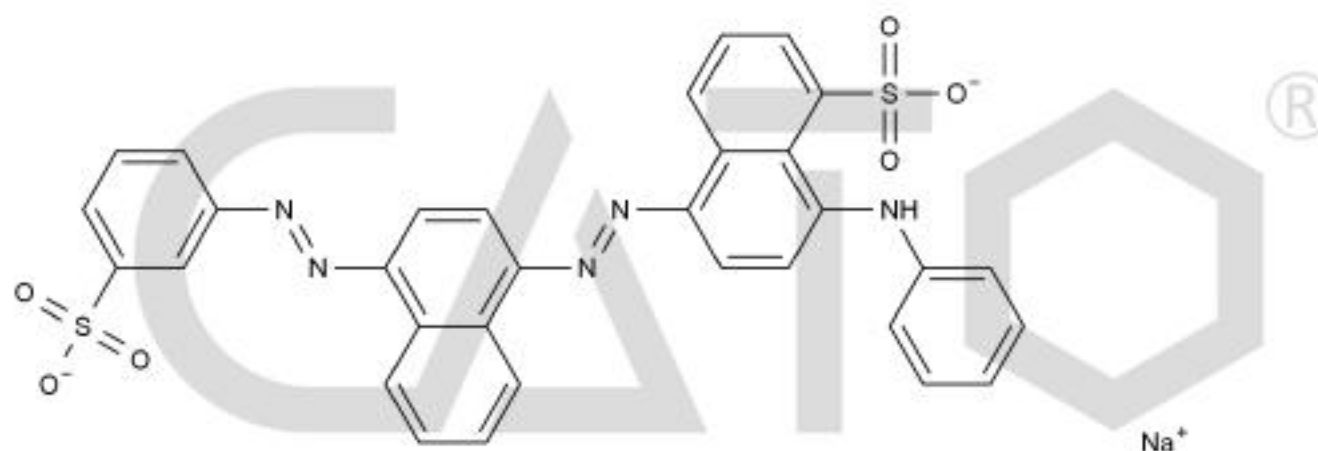
Product Name:	Acid Blue 113	Catalogue Number:	CS314113
Synonyms:	N/A	Lot Number:	1028-SA-7701
CAS Number:	3351-05-1	Expiry Date:	Oct 27, 28
Molecular Formula:	$C_{32}H_{21}N_5O_6S_2 \cdot 2 \cdot Na$	Storage:	-20°C ± 5°C Protected from light and Sealed
Molecular Weight:	635.67 $2 \cdot 22.99$		

Warning:



Na⁺

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Very Dark Blue to Black Solid
Identification:	LC&HNMR	Confirmed
Purity:	HPLC	98.457%
Uncertainty		±2.0%

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:

Lisa

Reviewed by:

Yuki

Approved by General Manager:

David

Date: Oct 28, 24

Date: Oct 28, 24

Date: Oct 28, 24



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

Page 1 of 6



Directions:

1. *Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.*
2. *Minimum sample size: 1mg is recommended as the minimum sample size.*
3. *Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.*
4. *Instructions for handling and correct use: Handling in a well-ventilated place.*

Document Version:

Revision No.	Date	Reason for Revision
01	Oct 28, 24	First release.

