



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

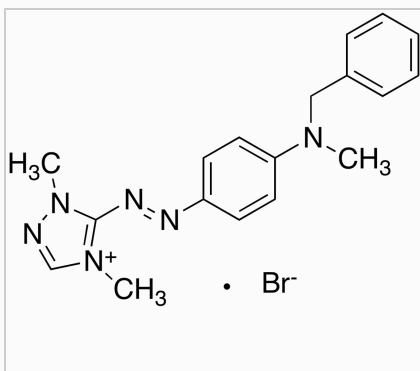
Catalogue Number: B118733

CAS Number: 12221-69-1

Synonym: 1,4-Dimethyl-5-[[4-[methyl(phenylmethyl)amino]phenyl]azo]-1H-1,2,4-triazolium Bromide; Anilan Red GRL; Astrazon Red FBL; Astrazon Red FBLN; Asucryl Red GRL; Basic Red 113; Basic Red 46; C.I. 110825; C.I. Basic Red 113; C.I. Basic Red 46; Cationic Red GRL; Cationic Red SD-GRL; Cationic Red X-GRL; Diacryl Red RL-N; Disperse Cationic Red SD-GRL; Dystar Red FBL; Estrol Red N-GSL; Kayacryl Red GRL; Kayacryl Red GRL-ED; Kayacryl Red GRL-N; Maxilon Red GRL; Maxilon Red GRL Pearls; R X-GRL; Red X-GRL; S

Product: Basic Red 46, Technical Grade

Structure:



Molecular Formula:

C₁₈H₂₁BrN₆

Molecular weight:

401.3

Source of Product:

Synthetic

Solubility:

Methanol (Slightly), Water (Slightly)

Lot Number: 10-APD-97-9

Purity: Technical Grade

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Very Dark Brown Solid	Very Dark Brown Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
UV Absorbance	Report Result	204 nm, 287 nm, 533 nm

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Meenakshi Sharma	Toni Rantanen	Chanell Chu	11/8/2021	11/6/2025
				