

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:

New Methylene Blue N zinc chloride double salt - Dye content 90 %

Product Number:

202096

CAS Number:

6586-05-6

MDL:

MFCD00078135

Formula:

C₁₈H₂₂ClN₃S · 0.5ZnCl₂

Formula Weight:

416.05 g/mol



TEST

Specification

Appearance (Form)

Powder

Infrared spectrum

Conforms to Structure

Wave Length

629 - 635 nm

c = 0.005g/L; Water

Extinction Coefficient

≥ 44000

Wave Length

588 - 594 nm

Extinction Coefficient

≥ 36000

Wave Length

284 - 290 nm

Extinction Coefficient

≥ 28000

Wave Length

242 - 248 nm

Extinction Coefficient

≥ 16000

Carbon

46.50 - 57.40 %

Nitrogen

8.60 - 11.20 %

Dye Content

≥ 90 %

Recommended Retest Period

4 Years

Specification: PRD.3.ZQ5.10000004822

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.