



TriStains

**DAWN SCIENTIFIC**

YOUR SCIENTIFIC PARTNER

ISO 9001:2015 CERTIFIED

## Product Specification

Product : New Methylene Blue N zinc chloride double salt  
Catalog# : S10128  
CAS : 6586-05-6  
CI number : 52030  
Formula :  $C_{18}H_{22}ClN_3S \cdot 1/2ZnCl_2$   
MW : 416.05

TEST	SPECIFICATION
Appearance	Dark-brown to deep purple powder
Identification	Conforms to structure
Assay	$\geq 90.0 \%$
Loss on drying	$\leq 5 \%$
Spectrophotometric Assay (5.0mgs/ ltrs. In water)	632.0nm +/- 3nm = 0.529
	591.0nm +/- 3nm = 0.433
	287.0nm +/- 3nm = 0.336
	245.0nm +/- 3nm = 0.206
Extinction Co-efficient	
E (632.0nm +/- 3nm)	$\geq 44000$
E (591.0nm +/- 3nm)	$\geq 36000$
E (287.0nm +/- -3nm)	$\geq 28000$
E (245.0nm +/- -3nm)	$\geq 16000$
Loss on Drying	$\leq 5 \%$

- For laboratory use only.
- The contents of Product specifications are subject to change.
- Storage: For information refer respective product safety data sheet (SDS).

