

Technical data sheet



Product name: **Methylene blue**

Grade: **Indicator**

Chemical formula: $C_{16}H_{18}ClN_3S \cdot xH_2O$

Molar mass: 319.85 (anhydrous basis)

Synonyms: 3,7-bis(Dimethylamino)phenazathionium chloride, Tetramethylthionine chloride, Methyl

General information	
Cas- No.	122965-43-9
Ec-No.	200-515-2
Appearance	Dark green powder
Melting point	180°C (decomposition)
Bulk density	400-600 kg/m ³
pH value	3 (10 g/l, H ₂ O, 20 °C)
Spec.density	N/A
Vapour pressure	N/A
Solub. In H ₂ O	50 g/l (20°C)
Storage temp	≤+30 ° C
R:	22
S:	N/A

Specification	
Identity (UV/VIS)	conforms
Appearance	conforms
Sulfated ash(600 °C)	≤ 1.0 %
Loss on drying (105°C)	10-15 %

Symbol:



packaging:

Available Pack	10 gr	25 gr	50 gr	100 gr	250 gr
P.E	-	-	-	-	-
GLASS	*	*	-	-	-



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