SPECIFICATION SHEET

Product name: Methyl Blue N
Product code: 1A-240

Lot number: ---
Shelf life: Max. 60 months

Formula: $C_{37}H_{27}N_3Na_2O_9S_3$
Molar mass: 799,82 g/mol
C.I. number: 42780
CAS number: 28983-56-4
Storage: + 15 °C to 25 °C

parameter	specification values
appearance	Crystalline powder
colour	Brownish-purple
absorption maximum λ_{max} (in water)	585-610nm
absorbance A (at λ_{max}; c=10,0 mg/l in water; 1 cm)	> 0,3
soluble in Water	Yes
soluble in Ethanol	Yes
soluble in Methanol	Yes
loss on drying at 110 °C	< 10%

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