Specification sheet

Product name:	Bismarck brown	**Formula:**	$C_{18}H_{18}N_8 \cdot 2\ HCl$
Product code:	1B-261	**Molar mass:**	419,32 g/mol
		C.I. number:	21000
Lot number:	---	**CAS number:**	10114-58-6
Shelf life:	60 months	**Storage:**	+ 5 °C to 25 °C

parameter	specification values
appearance	fine powder
colour	red-brown
absortion maximum λ_{max} (water)	470 – 480 nm
absorbance A (at λ_{max}; c=10mg/l in 50 % ethanol + 1N HCl; 1cm)	0,3 -0,4
soluble in Water	yes
soluble in Ethanol	yes
soluble in Methanol	yes
loss on drying at 110 °C	max 5 %

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