



SPECIFICATION SHEET

Product Name : Carmine, (C.I.75470) for microscopy
Product Number : 909.D02
Brand : ISOLAB
CAS Number : 1390-65-4
Formula : $C_{44}H_{37}O_{27}AlCa \cdot 3H_2O$
Formula Weight : 1118.88 g/mol

TEST NAME	SPECIFICATION	UNIT
Appearance	Dark red coloured powder	
Absorption maxima 1 DMSO	563 - 571 nm	nm
Absorption maxima 2 in DMSO	525 - 533 nm	nm
A1%, 1cm, λ_{1max}	≥ 70	
A1%, 1cm, λ_{2max}	≥ 100	
Ratio $\lambda_{max} P \pm 15$ nm (at 528 nm)	1.00 - 1.10	
Loss on drying (at 110 °C)	≤ 15 %	%

Quality Management
Isolab Laborgerate GmbH

