



**DC FINE
CHEMICALS**

Specification

Formula Hill: $C_{13}H_9N_3O_5$
Molar Mass: 287.25 g/mol
CAS N°: 2243-76-7

120320 Mordant Orange 1

Specification

Appearance	orange to dull brownish powder
Dye content by spectrophotometry	$\geq 85.0 \%$
Solubility 0,1% (Methanol)	almost clear solution
Absorptivity 1% (1cm, Metanol, λ_{max})	≥ 795
Transition range (pH 10.1-12.1)	conforms
Absorbance	
Absorption maximum	380 - 390
Loss on drying (110°C)	$\leq 3 \%$