



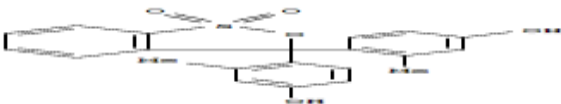
HANGZHOU DINGYAN CHEM CO., LTD

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CERTIFICATE OF ANALYSIS

NO: DYC051602191

Product name	m-cresol purple
CAS Number	2303-01-7
Molecule Structure	
Molecule Formula	C21H18O5S
Batch number	20151015
Manufacture Date	2015-10-15
Testing date	2015-10-15

Items	Standard	Result
Appearance	Green brown to brown powder	Complies
PH	1.2(pink)~2.8(yellow) 7.4(brown-yellow)~9.0(purple)	Complies
Maximal absorbing wavelength,nm		
λ 1 (Ph1.2)	526~529	528
λ 2 (Ph2.8)	431~437	435
λ 1 (Ph7.4)	431~437	435
λ 2 (Ph9.0)	576~580	579
Quality absorption coefficient,L/cm.g		
α 1(λ 1,Ph1.2, dry base)	80~94	82
α 1(λ 1,Ph2.8, dry base)	40~46	45
α 1(λ 1,Ph7.4, dry base)	39~45	42
α 1(λ 1,Ph9.0, dry base)	75~86	80
Ethanol solution testing	Pass	Pass
Loss on drying	1.0% max	0.8%

QUALITY CONTROL:   
 Hangzhou Dingyan Chem Co., Ltd.  
 Quality Control  
 Signature(s)

CHECK: 姚仙娟

INSPECTOR: 刘清风