

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Alizarin yellow R,98%

ITEM NUMBER: A100248
BRAND: Aladdin
CAS NUMBER: 2243-76-7
MDL NUMBER: MFCD00007313
FORMULA: C13H9N3O5
MOLECULAR WEIGHT: 287.23

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Absorbance(dry basis)(5 mg/L, pH 9.6, 375.0 nm)	0	0.32	0.32
Appearance	Yellow to Orange to Brown Powder		
Ignition residue (as sulfate)	20 %	30 %	30 %
Infrared spectrum	Conforms to Structure		
Loss on drying	0 %	10 %	10 %
Purity(HPLC)	98 %	100 %	100 %
solubility in water	pass		
Transition interval(pH)	10.0(red-yellow) - 12.0(yellow-red)		