

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Alizarin yellow R,Indicator

ITEM NUMBER: A100247
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)	0	0.32	0.32
Appearance	orange to brown powder or crystals		
Infrared spectrum	Conforms to Structure		
Purity(HPLC)	98 %	100 %	100 %
solubility in hot EtOH	pass		
solubility in hot Water	clear		
Transition interval(pH)	10.0(red-yellow) - 12.0(yellow-red)		