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CERTIFICATE OF ANALYSIS

Product Name: Cresol Red		
CAS NO.: 1733-12-6	Mol. Formula: C ₂₁ H ₁₈ O ₅ S	Mol. Weight: 382.43
QTY: 200 kgs	/	Lot No.: CR160106A-1
Mfg Date: 2016.01.06	Exp Date: 2018.01.05	Analysis Date: 2016.01.07

ITEM	SPECIFICATION	RESULTS
Appearance	Green Crystalline Powder	Passed
PH 6.5-8.5	Yellow - Purple	Passed
Mass Absorption Wavelength	λ_1 (PH 3.8) 440 - 445 λ_2 (PH 5.4) 615 - 618	440 615
Mass Absorption Coefficient	α_1 (λ_1 , PH3.8, dry sample) 24 - 28 α_2 (λ_2 , PH5.4, dry sample) 53 - 58	25.3 53.5
Ethanol Dissolution	/	Passed
Loss on Drying	$\leq 3.0\%$	0.30%
Redisue on Ignition	$\leq 0.20\%$	0.16%
Conclusion	The product tested complies with the specifications.	

Analyst: Cathy Choo

Checker: Nick Yin