

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Crystal violet (C.I. 42555)**
Specifications & Purity: indicator, ACS, Ph.Eur.
SKU #: **C432890**

Parameter	Limit Values
Dye content(spectrophotometrically ; calc. on dried substance)	90-100 (%)
Absorbance characteristics(Ratio $E(\lambda_{\max}-15\text{nm})/E(\lambda_{\max}+15\text{nm})$)	0.98-1.2
Absorption maximum λ_{\max} (water)	589-594 (nm)
Spec.AbsorptivityA1%/1cm(589-594 nm ;0.002g/; water)	2000-2450
Impurity content(Michler`s ketone)	<0.10 (%)
Loss on drying(110°C,4 h)	0-7.5 (%)
Suitability as indicator	conforms
Infrared spectrum	Conforms to Structure