

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Indigo carmine**
Specifications & Purity: 96% , indicator (pH 11.5-14.0)
SKU # **I105009**

Parameter	Limit Values
Loss on drying	0-10 (%)
Purity(HPLC)	96-100 (%)
λ max(H ₂ O)	603-613 (nm)
Appearance (I105009)	Blue to Dark Blue and Purple to Dark Purple Powder
PH Transition interval,11.5(blue) – PH 14.0(yellow)	Conforms
Proton NMR spectrum	Conforms to Structure
Solubility in MeOH , Blue to very Deep Blue,0.01g/ 10ml	pass