

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **Protoporphyrin IX**
Specifications & Purity: $\geq 95\%$
SKU #: **P103197**

Parameter	Limit Values
EmM(in 3 M HCl,408-409nm)	200-300
Purity(HPLC)	95-100 (%)
Carbon by Elemental Analysis	68.6-76.6 (%)
Nitrogen by Elemental Analysis	9.4-10.6 (%)
Appearance (P103197)	Red to Brown to Black Powder
Proton NMR spectrum	Conforms to Structure
Solubility in DMF/MeOH (1/1) , Dark Red to Brown ,10 mg/mL	pass