

Certificate of Analysis

HySA-A: PtCo-K40 PtCo(41.76wt%)/Ketjenblack® EC-300J

Specification	PtCo-K40
Batch No.:	PtCoK4003
Pt Loading (wt%):	37.80
Base Metal Loading (wt%):	3.96 (Co)
XRD Crystallite Size - Scherrer Pt(220) (nm):	2.2
Electrochemical Surface Area - CV H _{ads} Charge (m ² /g Pt):	63.0 ±3.4
Electrochemical Surface Area - CV CO _{ox} . Charge (m ² /g Pt):	82.6 ±1.4

*Full descriptions of measurement protocols available upon request.