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## Certificate of Analysis

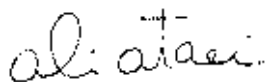
Product Name:

Platinum cobalt on carbon - extent of labeling: 30 wt. % Pt<sub>3</sub>Co loading

**Product Number:** 738565  
**Batch Number:** MKBJ0577V  
**Brand:** ALDRICH  
**Formula:** CoPt<sub>3</sub>  
**Quality Release Date:** 20 OCT 2011

Pt<sub>3</sub>Co

Test	Specification	Result
Appearance (Color)	Black	Black
Appearance (Form)	Powder	Powder
ICP Major Analysis	Confirmed	Confirmed
Confirms Platinum and Cobalt Components		
Platinum/Cobalt Loading		31 %
TGA		
Specification: Report Result		
Size	≤ 5 nm	< 5 nm
Crystallite (XRD)		



Ali Ataei, Manager  
 Quality Control  
 Milwaukee, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.