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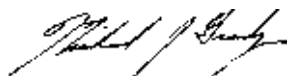
## Certificate of Analysis

Product Name:

PLATINUM ON CARBON, EVONIK NOBLYST(R) P&

**Product Number:** 908088  
**Batch Number:** MKCK8113  
 Brand: ALDRICH  
 Quality Release Date: 29 AUG 2019  
 Recommended Retest Date: AUG 2021

Test	Specification	Result
Appearance (Color)	Black	Black
Appearance (Form)	Powder	Powder
ICP Major Analysis	Confirmed	Confirmed
Confirms Platinum Component		
Loss on Drying	50.0 - 70.0 % wt	66.4 % wt
Calculated to dry basis		
Platinum (Pt)	2.7 - 3.3 % wt	3.0 % wt
Calculated to dry basis		
Activity	≥ 225	305
Crotonic acid hydrogenation ml/min.g		
Product of Supplier	Confirmed	Confirmed
Evonik		
Registered Trademark	Note	
Noblyst is a registered trademark of		
Evonik Degussa GmbH		
Recommended Retest Period	-----	-----
2 Years		



Michael Grady, 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.