Certificate of analysis

Platinum, nominally 10% on carbon black

Stock Number: 43876 Lot Number: G27S020

Analysis

 $\begin{array}{lll} Platinum (limits) & 9.500-10.500 \ \% \\ Platinum (found) & 10.240 \ \% \\ Moisture & 0.89 \ \% \\ Hydrolyzable chloride & 48 ppm \\ Metal area, Pt & 148.43 \ m^2/g \\ XRD crystallite size & 2.5 nm \\ Al+Ca+Co+Cr+Cu+Fe+Mg & 80 ppm \\ +Ni+Pb, total, catalyst basis & \\ \end{array}$

Certified by:

Quality Control

Paul V Corrolly

Thermo Fisher