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Product Specification

Product Name:

Platinum black - low bulk density, ≥99.9% trace metals basis

Product Number:	520799	Pt
CAS Number:	7440-06-4	
MDL:	MFCD00011179	
Formula:	Pt	
Formula Weight:	195.09 AMU	

TEST	Specification
Appearance (Color)	Black
Appearance (Form)	Powder
Miscellaneous Assay	27 - 36
Surface Area (m ² /g)	
Miscellaneous Assay	0.60 - 0.80 g/cm ³
Bulk Density	
Loss on Ignition	
Chloride (CL)	≤ 220 ppm
Water Soluble Chloride	
Sulfur	≤ 50 ppm
Loss on Drying	≤ 0.80 %
@ 150 C	
Size	
10% of Volume Less Than	
Size	
90% of Volume Less Than	
Size	
Average Particle Size	
Trace Metal Analysis	≥ 99.975 %
ICP Purity	

Specification: PRD.0.ZQ5.10000023186

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.