

## Certificate of Analysis

**Product Name:** MICRO PARTICLES BASED ON POLYSTYRENE  
**Product Number:** size: 5 µm  
**Product Brand:** 79633  
**Molecular Formula:** Fluka  
**Molecular Mass:**  
**CAS Number:**

**TEST****LOT 1485636V RESULTS****MEASURING TECHNIQUE  
CALIB. MEASURING TECHNIQUE**

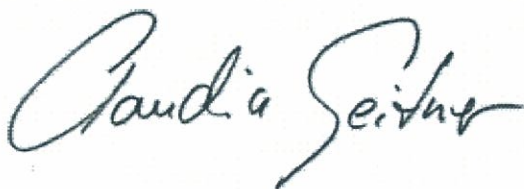
COULTER MULTISIZER II  
BCR 165-2.223 +/- 0.013UM  
BCR 166-4.821 +/- 0.019UM  
BCR 167-9.475 +/- 0.018UM

**NOMINAL PARTICLE DIAMETER  
CALIBRATED PARTICLE DIAMETER  
STANDARD DEVIATION  
CV  
DENSITY D20/4**

5.0 UM  
5.08 UM  
0.09 UM  
1.8 %  
PARTICLE SPECIFIC  
GRAVITY: 1.05 G/CM3

**SOLID CONTENT  
PARTICLE COMPOSITION  
QUALITY RELEASE DATE**

10 % WT.  
POLYSTYRENE  
19 JUN 2012



Dr. Claudia Geitner  
Manager Quality Control  
Buchs, Switzerland

Sigma-Aldrich guarantees the 'Sales-Specification' values only, additional lot specific tests may be included for further information. The current 'Sales-Specifications' sheet is available on request. For further inquiries, please contact our Technical Service. Sigma-Aldrich warrants, that its products conform to the information contained in this and other Sigma-Aldrich publications. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice for additional terms and conditions of sale. The values given on the 'Certificate of Analysis' are the results determined at the time of analysis.