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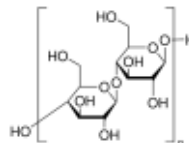
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

Cellulose - colloidal, microcrystalline

Product Number: 435244
Batch Number: MKBR1121V
Brand: ALDRICH
CAS Number: 9004-34-6
MDL Number: MFCD00081512
Quality Release Date: 23 JAN 2014



Test	Specification	Result
Appearance (Color)	White to Off-White	White
Appearance (Form)	Powder	Powder
Infrared Spectrum	Conforms to Structure	Conforms
Assay	10.0 - 20.0 %	15.3 %
Loss on Drying	≤ 8.0 %	3.8 %
Size	≤ 0.10 % wt	< 0.10 % wt
Size	≤ 70.0 % wt	61.0 % wt
Heavy Metal	≤ 0.001 %	0.001 %

Remarks:

Reviewing Chemist :

Jamie Gleason, Manager
 Quality Control
 Milwaukee, Wisconsin 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.