

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com

Email USA: techserv@sial.com

Outside USA: eurtechserv@sial.com

## Certificate of Analysis

Product Name:

IgG from rat serum - reagent grade, ≥95% (SDS-PAGE), essentially salt-free, lyophilized powder

**Product Number:** I4131  
**Batch Number:** SLBS6015  
**Brand:** SIGMA  
**MDL Number:** MFCD00164131  
**Storage Temperature:** Store at 2 - 8 °C  
**Quality Release Date:** 30 NOV 2016

Test	Specification	Result
Appearance (Color)	White to Off-White	White
Appearance (Form)	Powder	Powder
Solubility (Turbidity)	Clear to Hazy	Hazy
When reconstituted to 50 mg/mL in 0.85% NaCl		
Water (by Karl Fischer)	≤ 10 %	6 %
Sodium (Na)	≤ 1.0 %	0.5 %
By ICP		
ID by Immuno-Electrophoresis	Pass	Pass
Single major arc of precipitation in the gamma region versus anti-rat whole serum and anti-rat IgG. Minor gamma arcs may be present versus anti-rat whole serum		
Purity by SDS-PAGE	≥ 95 %	99 %



Rodney Burbach, Manager  
 Analytical Services  
 St. Louis, Missouri 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.