



# CERTIFICATE OF ANALYSIS

Berkeley Heights  
235 Snyder Avenue  
Berkeley Heights, NJ 07922  
Phone# 908-795-1851  
Fax# 908-464-7726

<b>Ship To:</b> BEIJING LIFE SCIENCE TECHNOLOGY, CO. HUILONGGUAN WEST STREET NO. 9 NO. 7 BUILDING ROOM 916, 8TH FLOOR BEIJING, 010 102208 PEOPLE'S REPUBLIC OF CHINA	<b>Product:</b> REHYDRAGEL LV (55 LB) <b>Product Code:</b> 203120070602 <b>Lot:</b> 2193401
<b>Certificate#:</b> 0000032991 <b>InspLot/Profile:</b> 040000114143 / GC6100_116	<b>Delivery/Line:</b> <b>Purchase Order#:</b> <b>Customer Product:</b>

Date of Manufacture 07/18/2012  
Date of Re-Evaluation 06/18/2014

Characteristic	Specification	Analysis
Aluminum Oxide (Al <sub>2</sub> O <sub>3</sub> )	1.8 - 2.2%	1.96
Chloride	0.3% MAX	0.07
Protein Binding Capacity	1.5 MG MIN.	Pass
Sodium (Na)	0.1% MAX.	0.02
pH (Neat)	5.8 - 6.8	6.20
Foreign Particles - Negligible	NONE BY VISUAL INSPECTION	Pass
VISCOSITY	1000 CPS. MAX	690
SEDIMENTATION RATE	20% MAX. IN 24 HRS	Pass
Ammonium	50 PPM MAX.	Pass
Arsenic (As)	1 PPM MAX.	Pass
HEAVY METALS IN A T.S.	20 PPM MAX.	Pass
Nitrate	100 PPM MAX.	Pass
Sulfate	0.5% MAX.	Pass
USP STERILITY	STERILE	Pass
ENDO	5 IU/MG AL MAX.	Pass
Iron (Fe)	15 PPM MAX	Pass
Identification	PASS	Pass
Appearance	WHITE TRANSLUCENT VISCOUS	Pass
Solubility	CLEAR SOLUTION OBTAINED I	Pass

*Mark Reef*

Authorized Signature

04/18/2013

Date

# CERTIFICATE OF IRRADIATION

**IRRADIATION LOT NUMBER:** 09220469, 09220470

**DATE(s) OF IRRADIATION:** September 12 through 18, 2012

**CUSTOMER**

**General Chemical**  
235 Snyder Ave.  
Berkeley Heights, NJ 07922

**PURCHASE REQUISITION NO**  
**4500093946**

**PRODUCT DESCRIPTION AND CUSTOMER LOT NUMBER**

**Rehydrigel LV, Adsorbent Aluminum Hydroxide**  
Lot #2193401

**NUMBER OF PAILS IN IRRADIATION LOT**

225

**ABSORBED DOSE SPECIFIED**

**MINIMUM** 29.0 kGy

**MAXIMUM NOT SPECIFIED**

**ABSORBED DOSE MEASURED**

**MINIMUM** 32.9 kGy

**MAXIMUM** 51.2 kGy

**ABSORBED DOSE MEASURED BY FWT60-00 DOSIMETERS; UNCERTAINTY OF MEASUREMENT  $\pm$  4.0% AT A 95% CONFIDENCE LEVEL.**

**COMMENTS**

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Carol M. Campbell  
QC Manager, Radiation Processing Services

Date October 2, 2012

**NEUTRON PRODUCTS inc**