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## Certificate of Analysis

**Product Description:** Ristocetin Sulfate Salt  
**Catalog Number:** 195489  
**Lot:** 4478K

**Formula:**  $C_{95}H_{110}N_8O_{44} \cdot H_2SO_4$   
**CAS #:** 1404-55-3  
**Physical Description:** Powder

**Formula Weight:** 2166.0  
**Storage:** +4°C, protect from light

Test	Specification	Result
Identity Test	Passes	Passes
Potency ( $\mu\text{g}/\text{mg}$ )	Report Result	1251 $\mu\text{g}/\text{mg}$
Purity	$\geq 90\%$ Ristocetin A	>90%
Ristocetin B Sulfate	Report Result	5.6%
Expiration Date	Month/Day/Year	11/27/2010

Solution in H<sub>2</sub>O: Clear & amber  
pH: 6.1  
Ash Content: 3.3%  
Loss on Drying: 4.8%  
Content of Ristocetin B Sulphate: None Determined

08/03/2009 - Robert Beattie  
MP Biomedicals, LLC.  
Technical Director

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