



**Certificate of Analysis**  
**(Representative Sample Certificate)**

**Product Name:** Polyquaternium-10  
**INCI Name:** Polyquaternium-10  
**CAS Number:** 53568-66-4  
**Lot Number:** Not available (data may vary slightly with different lots or batches)  
**Expiration Date:** 24 months from production date

Property	Specifications	Laboratory Values	Final Result
Viscosity (1% aq. Sol.) at 25oC, Brookfield LVF, Spindle 3, 30RPM	1000-2500 CPS	1450	Pass
Water insolubles, %	0.7 Max	0.4	Pass
Loss on drying, % (105oC, 2HR)	6.0 Max	2.5	Pass
ASH (as NaCl), %	3.0 Max	1.1	Pass
Nitrogen, %	1.7-2.2	1.9	Pass
pH (2%, sol, 25oC)	5.5-6.5	6.3	Pass
Activity, %	91 min	96.0	Pass

The above data were obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.

This report is not to be signed.

**Disclaimer:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.