GREEN VALLEY LABORATORY

# CERTIFICATE OF ANALYSIS

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|---|---|---|---|
| **Product:** | BioQuat SG (polySuga Quat S-1210P) | | |
| **CAS#:** | 1309865-12-0 | **INCI:** | Polyquaternium-81 |
| **Lot #:** | 1251 | **Re-test:** | December 2028 |

| Property | Specification | Analysis |
|---|---|---|
| Appearance | Clear | Pass |
| pH (10% aqueous) | 7.0 | Pass |
| Solids, % | 30.0 | Pass |
| Viscosity, cP | 500 | Pass |
| Color, Gardner | 2 | Pass |
| **Ross-Miles Foam Height, mm (1% active solution, 25°C, DI water)** | | |
| Immediate | 145 | Pass |
| 1 minute | 135 | Pass |
| 5 minute | 130 | Pass |
| Draves Wetting, sec. | 18.8 | Pass |

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

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