

REPRESENTATIVE BATCH DATA

Certificate of Analysis - Example

AIC-Magenta Red 1015 | Carboxylic Series | C.I. Pigment Red 122 (PR 122)

LOT NO.	DECLARED BATCH QUANTITY
26122-C-065	1,000 kg

Reported results

PARAMETER	RESULT	UNIT
Pigment solid content	15.0	wt%
Surface tension	68.4	mN/m
Viscosity	1.64	mPa·s
pH	7.89	unitless
Electrical conductivity	1,357	μS/cm
Filterability - T1 (first 100 g)	8	s
Filterability - T2 (next 300 g)	21	s
Filterability - T3 (final 100 g)	8	s
Particle size - D50	132	nm
Particle size - D90	181	nm
Particle size - D97	214	nm

Test conditions and interpretation

- Solid content was obtained by automatic drying with a moisture analyzer at 110 °C.
- Filterability time is the time required for a 500 g dispersion sample to pass through a 0.45 μm-precision glass-fiber filter membrane in three portions (100 g, 300 g, 100 g) under a negative pressure of 0.08 MPa. T1, T2 and T3 are reported in seconds.
- Results may vary with instruments and test environments. These values are provided for reference; use the actual test results for the relevant batch and method.

Example status

This downloadable example reproduces the lot and measurements supplied for website illustration. A laboratory test date, approval signature and independently authenticated batch release document were not supplied. It is not a substitute for a current shipment COA.