



TEST REPORT

THE REPORTED TEST RESULTS RELATE ONLY TO THE ITEM(S) TESTED



LA-CO Industries
1201 Pratt Blvd., ,
Elk Grove Village , IL 60007

Request ID: R-20170724-050
Date: 07/27/2017
PO Number: PPO250912

Gloria Biard

Client Description: Liquid Paint Marker

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Sample No.: S-170724-065 Customer ID: VAPM-Black, Lot# 071917A

Tests	Results/Units	Method	Specification Limits	Specification Description
As	<2 ppm	ICP-MS	min: 0 / max: 2	Liquid Paint Marker
Bi	<10 ppm	ICP-MS	min: 0 / max: 250	Liquid Paint Marker
Br	<10 ppm	Parr Bomb followed by Ion Chromatography	min: 0 / max: 200	Liquid Paint Marker
Cd	<10 ppm	ICP-MS	min: 0 / max: 250	Liquid Paint Marker
Cl	40 ppm	Parr Bomb followed by Ion Chromatography	min: 0 / max: 200	Liquid Paint Marker
F	20 ppm	Parr Bomb followed by Ion Chromatography	min: 0 / max: 200	Liquid Paint Marker
Hg	<1 ppm	Cold Vapor AA	min: 0 / max: 1	Liquid Paint Marker
I	<10 ppm	Parr Bomb followed by Specific Ion Electrode	min: 0 / max: 200	Liquid Paint Marker
In	<10 ppm	ICP-MS	min: 0 / max: 200	Liquid Paint Marker
LACO Low Melting Point Metals	<73 ppm	Calculated Balance	min: 0 / max: 300	Liquid Paint Marker
P	<50 ppm	ICP-MS	min: 0 / max: 200	Liquid Paint Marker
Pb	<10 ppm	ICP-MS	min: 0 / max: 200	Liquid Paint Marker
S	100 ppm	Parr Bomb followed by Ion Chromatography	min: 0 / max: 200	Liquid Paint Marker
Sb	<10 ppm	ICP-MS	min: 0 / max: 200	Liquid Paint Marker
Sn	<10 ppm	ICP-MS	min: 0 / max: 200	Liquid Paint Marker
Total Halogens	<80 ppm	Calculation	min: 0 / max: 200	Liquid Paint Marker

Methods noted with an * fall outside of NSL's ISO 17025 Scope of Accreditation.

ALL QUANTITATIVE ANALYTICAL RESULTS ARE SUBJECT TO VARIABILITY DUE TO THE NATURE OF TESTING. ESTIMATED UNCERTAINTY DATA IS AVAILABLE UPON REQUEST.

NSL Analytical Services 4450 Cranwood Parkway Cleveland, Ohio 44128

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Reporting Officer :

Lisa Simko, Technical Specialist



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<u>Tests</u>	<u>Results/Units</u>	<u>Method</u>	<u>Specification Limits</u>	<u>Specification Description</u>
Zn	<10 ppm	ICP-MS	min: 0 / max: 250	Liquid Paint Marker

The Low Melt Point calculation includes the following elements: Sb, Bi, Cd, Pb, Sn, Zn, Hg, As, In.

The analysis performed conforms to the specifications indicated

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