

Material No.: 9346-05 Batch No.: 0000224375

Manufactured Date: 2019/02/27

Retest Date: 2024/02/26 Revision No: 1

Certificate of Analysis

>= 99.0 % <= 10 <= 0.8 <= 0.01 % <= 0.005 % <= 0.2 % <= 1 ppm <= 2 ppm <= 2 ppm == 0.100 ppm	99.8 5 0.4 < 0.01 < 0.001 < 0.1 < 1 < 2 < 2
<= 0.8 <= 0.01 % <= 0.005 % <= 0.2 % <= 1 ppm <= 2 ppm <= 2 ppm	0.4 < 0.01 < 0.001 < 0.1 < 1 < 2
<= 0.01 % <= 0.005 % <= 0.2 % <= 1 ppm <= 2 ppm <= 2 ppm	< 0.01 < 0.001 < 0.1 < 1 < 2
<= 0.005 % <= 0.2 % <= 1 ppm <= 2 ppm <= 2 ppm	< 0.001 < 0.1 < 1 < 2
<= 0.2 % <= 1 ppm <= 2 ppm <= 2 ppm	< 0.1 < 1 < 2
<= 1 ppm <= 2 ppm <= 2 ppm	< 1 < 2
<= 2 ppm <= 2 ppm	< 2
<= 2 ppm	
	< 2
x= 0.100 ppm	
	< 0.100
<= 0.2 ppm	< 0.1
<= 100.0 ppb	< 5.0
<= 100.0 ppb	< 1.0
<= 50.0 ppb	< 5.0
<= 300.0 ppb	5.0
<= 50.0 ppb	< 1.0
<= 10.0 ppb	< 1.0
<= 50.0 ppb	< 5.0
<= 200.0 ppb	< 10.0
<= 100.0 ppb	< 1.0
<= 100.0 ppb	7.8
<= 100.0 ppb	< 1.0
<= 100.0 ppb	< 5.0
<= 300.0 ppb	< 10.0
	= 100.0 ppb = 100.0 ppb = 50.0 ppb = 300.0 ppb <= 50.0 ppb <= 50.0 ppb <= 50.0 ppb = 200.0 ppb = 100.0 ppb = 100.0 ppb = 100.0 ppb = 100.0 ppb

Material No.: 9346-05 Batch No.: 0000224375

Test	Specification	Result
Trace Impurities – Sodium (Na)	<= 300.0 ppb	6.0
Trace Impurities – Tin (Sn)	<= 100.0 ppb	< 10.0
Trace Impurities – Titanium (Ti)	<= 100.0 ppb	< 1.0
Trace Impurities – Zinc (Zn)	<= 400.0 ppb	< 1.0
Particle Count - 0.5 µm and greater	<= 200 par/ml	2
Particle Count – 1.0 µm and greater	<= 10 par/ml	1

For Microelectronic Use

Country of Origin: US

Packaging Site: Paris Mfg Ctr & DC

