

LabKings B.V.
Utrechtseweg 5
1213TK Hilversum
The Netherlands

Catalog No: LK2-03430101

Lot No: 1094607

Storage: Ambient

Matrix: Mineral Oil

Description: Metallo-Organic Mix 21, 100 g
100 µg/g in Mineral Oil

Date Received _____

Certification Date 28-Jul-2016

Expiration Date 28-Jul-2016

Comment:

Element	Symbol	CAS No.	Source Lot No.	Purity %	Concentration mg/L
Silver	Ag	7440-22-4	7000.147.10S	99	99.99 +/- .2
Aluminum	Al	7429-90-5	7001.147.5S	99	101.3 +/- .2
Boron	B	7440-72-8	7003.147.6S	99	100.1 +/- .2
Barium	Ba	7440-39-3	7004.147.6S	99	100.7 +/- .2
Calcium	Ca	7440-70-2	7006.147.3S	99	100.7 +/- .2
Cadmium	Cd	7440-43-9	7007.147.5S	99	100.9 +/- .2
Chromium	Cr	7440-47-3	7009.147.6P	99	100.2 +/- .2
Copper	Cu	7440-50-8	7011.248.3P	99	99.79 +/- .2
Iron	Fe	7439-89-6	7012.147.4S	99	99.84 +/- .2
Magnesium	Mg	7439-95-4	7016.147.4S	99	100.7 +/- .2
Manganese	Mn	7439-96-5	7017.147.5S	99	99.88 +/- .2
Molybdenum	Mo	7439-98-7	7018.147.7S	99	100.1 +/- .2
Sodium	Na	7440-23-5	7019.147.4S	99	99.73 +/- .2
Nickel	Ni	7440-02-0	7021.147.8S	99	100 +/- .2
Phosphorus	P	7723-14-0	7022.147.4S	99	101.4 +/- .2
Lead	Pb	7439-92-1	7023.147.8S	99	100.5 +/- .2
Silicon	Si	7440-21-3	7028.147.4S	99	99.94 +/- .2
Tin	Sn	7440-31-5	7029.147.7S	99	99.9 +/- .2
Titanium	Ti	7440-32-6	7033.147.3S	99	100.2 +/- .2
Vanadium	V	7440-62-2	7036.147.5S	99	99.86 +/- .2
Zinc	Zn	7440-66-6	7037.147.6S	99	99.82 +/- .2

This standard was manufactured by a laboratory accredited to ISO/IEC 17025:2005 (certificate number 3031.01) by the American Association of Laboratory Accreditation (A2LA). The manufacturer's quality system is audited and registered by NSF-ISR to ISO 9001:2008 (certificate number IZ391-IS4).

Mark Filler

Certified By: _____

This standard was prepared gravimetrically using balances calibrated with NIST traceable weights (NIST Test Number 822/264157 -00). Only calibrated Class A volumetric glassware was used to prepare this standard. The concentration and uncertainty of this standard are calculated based on the weight and volumes used in the manufacturing process. The uncertainty value is calculated for a 95% confidence interval with a k value of 2. Sub-boiled distilled acid and 18 megaohm deionized water were used to stabilize the product. All raw materials were checked for stoichiometry and purity prior to use. This standard has been spectrometrically certified by an independent source, which is directly traceable to NIST.