Product Specification

Material	451027S
Material description	Methanol
Grade	ARISTAR
CAS Number	67-56-1
Molecular formula	CH4O
Molecular mass	32.04

Characteristics	Specifications
Assay (GC)	Min. 99.9 %
Identity (IR)	Conforms
Resistivity (MOhm-cm)	Min. 1
Water	Max. 0.05 %
Evaporation residue	Max. 1 ppm
Free acid	Max. 10 ppm
Free alkali	Max. 1 ppm
Cl (Chloride)	Max. 0.5 ppm
SO4 (Sulphate)	Max. 1 ppm
Ag (Silver)	Max. 0.01 ppm
Al (Aluminium)	Max. 0.05 ppm
As (Arsenic)	Max. 0.01 ppm
Au (Gold)	Max. 0.02 ppm
B (Boron)	Max. 0.2 ppm
Ba (Barium)	Max. 0.02 ppm
Be (Beryllium)	Max. 0.01 ppm
Bi (Bismuth)	Max. 0.02 ppm
Ca (Calcium)	Max. 0.05 ppm
Cd (Cadmium)	Max. 0.005 ppm
Co (Cobalt)	Max. 0.005 ppm
Cr (Chromium)	Max. 0.01 ppm
Cu (Copper)	Max. 0.005 ppm
Fe (Iron)	Max. 0.05 ppm
Ga (Gallium)	Max. 0.01 ppm
In (Indium)	Max. 0.01 ppm
Li (Lithium)	Max. 0.01 ppm
K (Potassium)	Max. 0.02 ppm
Mg (Magnesium)	Max. 0.01 ppm

>>> Continued on page 2 >>>

For Professional use in Laboratory or Manufacturing. Not for use as an Active Pharmaceutical Ingredient or Food or Animal Feed. Suitability and intended use of the product remains the responsibility of the user.

Product Specification

Characteristics	Specifications
Mn (Manganese)	Max. 0.005 ppm
Mo (Molybdenum)	Max. 0.01 ppm
Na (Sodium)	Max. 0.1 ppm
Ni (Nickel)	Max. 0.005 ppm
Pb (Lead)	Max. 0.005 ppm
Pt (Platinum)	Max. 0.05 ppm
Sb (Antimony)	Max. 0.01 ppm
Sn (Tin)	Max. 0.02 ppm
Sr (Strontium)	Max. 0.01 ppm
Ti (Titanium)	Max. 0.02 ppm
Tl (Thallium)	Max. 0.01 ppm
V (Vanadium)	Max. 0.01 ppm
Zn (Zinc)	Max. 0.02 ppm
Zr (Zirconium)	Max. 0.02 ppm
Carbonyl compounds (as CO)	Max. 10 ppm
Organic impurities	Conforms
Substances reducing KMnO4 (as O)	Max. 2.5 ppm

Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

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