Product Specification

Material	20066.423
Material description	Acetone
Grade	AnalaR NORMAPUR Reag. Ph.Eur., Reag. USP, ACS
CAS Number	67-64-1
Molecular formula	CH_3COCH_3
Molecular mass	58.08

Characteristics	Specifications
Assay (on anhydrous substance)	Min. 99.8 %
Appearance of solution	Passes test Ph.Eur.
Aqueous solution	Passes test
Identification B	Passes test Ph.Eur.
Identification C	Passes test Ph.Eur.
Insolubility in water	Passes test
IR Spectrum	Passes test
Related substances	Passes test Ph.Eur.
Acidity	Max. 0.0003 meq/g
Alkalinity	Max. 0.0003 meq/g
Boiling point	55.3 --> 56.9 °C
Colouration	Max. 10 APHA
Density (20/4)	0.790 --> 0.792
Density (20/20)	0.790 --> 0.793
Aldehydes (as HCHO)	Max. 10 ppm
Ethanol	Max. 100 ppm
Evaporation residue	Max. 5 ppm
Methanol	Max. 0.05 %
2-Propanol	Max. 100 ppm
Substances reducing KMnO4 (as O)	Max. 2 ppm
Water	Max. 0.2 %
PO4 (Phosphate)	Max. 100 ppb
Al (Aluminium)	Max. 0.1 ppm
B (Boron)	Max. 0.02 ppm
Ba (Barium)	Max. 0.05 ppm
Ca (Calcium)	Max. 0.5 ppm
Cd (Cadmium)	Max. 0.01 ppm
Co (Cobalt)	Max. 0.01 ppm

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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.

VWR International LLC, Radnor Corporate Center, Building One, Suite 200, 100 Matsonford Road, Radnor, PA 19087, USA
VWR International bvba, Haasrode Research Park Zone 2020, Geldenaaksebaan 464, 3001 Leuven, Belgium

Product Specification

Characteristics	Specifications
Cr (Chromium)	Max. 0.02 ppm
Cu (Copper)	Max. 0.01 ppm
Fe (Iron)	Max. 0.05 ppm
K (Potassium)	Max. 0.1 ppm
Mg (Magnesium)	Max. 0.05 ppm
Mn (Manganese)	Max. 0.01 ppm
Na (Sodium)	Max. 0.5 ppm
Ni (Nickel)	Max. 0.01 ppm
Pb (Lead)	Max. 0.01 ppm
Sn (Tin)	Max. 0.1 ppm
Sr (Strontium)	Max. 0.02 ppm
Zn (Zinc)	Max. 0.01 ppm
Conforms to ACS	Passes test
Conforms to Reag. Ph.Eur.	Passes test
Conforms to Reag. USP	Passes test

Signature

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

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

Isabelle Habay, Head of Laboratory - Briare
VWR International S.A.S.; Z.I. de Vaugereau; FR-45250 Briare; France