

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	47220
Lot Number	003344-6820-012224
Product	Silicon carbide nanopowder (beta) (40 nm)
CAS Number	409-21-2
Molecular Formula	SiC
Molecular Weight	40.10

Appearance	Dark grey nanopowder
Density	Bulk density 0.05 g/cm ³ , True density 3.2 g/cm ³
Mesh Size	APS 44 nm, SSA 24 m ² /g (by BET)
Related Substances	Copper (Cu) : 110 ppm, Iron (Fe) : 110 ppm Chromium (Cr) : 95 ppm, Nickel (Ni) : 116 ppm Cobalt (Co) : 80 ppm, Zinc (Zn) : 73 ppm, Aluminum (Al) : 160 ppm, Magnesium (Mg) : 60 ppm Vanadium (V) : 50 ppm, Sodium (Na) : 50 ppm Tungsten (W) : 50 ppm
Purity	99% (Trace metals basis)
Storage	Store at RT
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager