

# *Chem-Impex International, Inc.*

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## *Product Specifications*

**CaCO<sub>3</sub>**  
CHEM  
IMPEx

<b>Catalogue Number</b>	47152
<b>Product</b>	<b>Calcium carbonate nanopowder, surface</b>
<b>CAS Number</b>	471-34-1
<b>Molecular Formula</b>	CaCO <sub>3</sub>
<b>Molecular Weight</b>	100.09

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<b>Appearance</b>	White nanopowder
<b>Mesh Size</b>	APS 15 - 40 nm, SSA 40 m <sup>2</sup> /g
<b>Insoluble material</b>	≤ 0.12% (in Hydrochloric acid)
<b>Related Substances</b>	MgO : ≤ 0.6% Iron (Fe) : ≤ 0.03%
<b>Assay</b>	≥ 97.5% (CaCO <sub>3</sub> )
<b>Purity</b>	≥ 98.5% (Trace metals basis)
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Morphology : Cubic Whiteness : 93

**For Laboratory Use Only**