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Product Specifications

Fe

Catalogue Number	06849
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Product	Iron
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CAS Number	7439-89-6
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Molecular Formula	Fe
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Molecular Weight	55.85
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Appearance	Silver-white metal; gray or black solid
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Density	2.80 - 3.20 g/cm ³
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Elemental Analysis (Theory)	Carbon : $\leq 0.01\%$, Oxygen : $\leq 1\%$, Sulfur : $\leq 0.0140\%$
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Cation	Lead : $\leq 0.0001\%$, Phosphorous : $\leq 0.015\%$, Titanium : $\leq 0.04\%$
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Particle Size	+200 (U.S. Mesh) , +75 (Microns) , 0.1% +200 / +325 (U.S. Mesh) , -75 +45 (Microns) , 4.2% -325 (U.S. Mesh) , -45 (Microns) , 95.7%
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Assay	99 - 100%
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Application	Used as standard for elemental analysis
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Storage	Store at RT
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For Laboratory Use Only