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Product Specifications

Cd=S

Catalogue Number	30268
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Product	Cadmium sulfide
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CAS Number	1306-23-6
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Molecular Formula	CdS
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Molecular Weight	144.48
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Appearance	Yellowish to orange powder
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Solubility	≤ 2% in Water
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Anion	Chloride (Cl ⁻): ≤ 0.02%
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Cation	Iron (Fe): ≤ 0.03%
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Assay	70 – 75 % as Cadmium
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Grade	(Cd 70 – 75 %)
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Application	Used in the production of solar cells where it is used as a buffer layer in the manufacture of CIGS (Copper -Indium-Gallium-Selenide) solar cells
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Storage	Store at RT
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For Laboratory Use Only