

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	30268
Lot Number	002154-2016-027
Product	Cadmium sulfide

CAS Number	1306-23-6
-------------------	-----------

Molecular Formula	CdS
--------------------------	-----

Molecular Weight	144.48
-------------------------	--------

Appearance	Yellowish to orange powder
-------------------	----------------------------

Solubility	2% in diluted HCl
-------------------	-------------------

Anion	Chloride (Cl ⁻): 0.008%
--------------	-------------------------------------

Cation	Iron (Fe): 0.0028%
---------------	--------------------

Assay	74.41% as Cadmium
--------------	-------------------

Grade	(Cd 70 – 75 %)
--------------	-----------------

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
--------------------	---

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