

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	01961
Lot Number	003019-09260001
Product	Chloramphenicol palmitate

Chloramphenicol α -palmitate

CAS Number	530-43-8
Molecular Formula	$C_{27}H_{42}Cl_2N_2O_6$
Molecular Weight	561.5

Appearance	White or almost white unctuous powder
Solubility	Practically insoluble in water, freely soluble in acetone, sparingly soluble in ethanol (96%), very slightly soluble in hexane
Melting Point	89.5 - 89.6 °C
Acidity	Passes test
Optical Rotation	$[\alpha]^{20}_D = 22.78^\circ$
Loss on Drying	0.18%
Related Substances	Passes test
Sulfated Ash	0.059%
Assay by titration	99.10% (On dry basis)
Grade	BP
Storage	Store at 0 - 8 °C
Additional Information	Identification A, B, C : Passes test Free chloramphenicol : < 450 ppm

Certificate of Analysis

Catalog Number: 01961

Lot Number: 003019-09260001

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

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager