

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	38730
Lot Number	002948-05-211001
Product	Desonide (11 β ,16 α)-11,21-Dihydroxy-16,17-[(1-methylethylidene)bis(oxy)]
CAS Number	638-94-8
Molecular Formula	C ₂₄ H ₃₂ O ₆
Molecular Weight	416.51

Appearance	White crystalline powder
Solubility	Practically insoluble in water, slightly soluble in ethanol.
Melting Point	265.5 - 267.5 °C
Heavy Metals	< 20 ppm
Optical Rotation	[α] ²⁰ _D = 106.9 °
Loss on Drying	0.04%
Residual Solvents	Dichloromethane : < 600 ppm Methanol : < 3000 ppm Pyridine : < 200 ppm Acetone : < 5000 ppm
Related Substances	Maximum impurity : 0.4% Total impurities : 0.8%
Sulfated Ash	0.04%
Purity by HPLC	99.8%
Storage	Store at 0 - 10 °C
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