

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 28435
Lot Number 002139-1301002
Product **Etoposide**

CAS Number 33419-42-0
Molecular Formula C₂₉H₃₂O₁₃
Molecular Weight 588.56

Appearance White crystalline powder
Solubility Very slightly soluble in water; slightly soluble in alcohol, in chloroform, in ethyl acetate, and in methylene chloride; sparingly soluble in methanol.
Heavy Metals < 0.002%
Water Content (Karl Fisher) 2.5%
Optical Rotation [α]_D²⁰ = -117.08°
Infrared Spectrum Conforms to structure
Residual Solvents Ethanol: < LOD
Isopropyl Ether: < LOD
Ethyl acetate: < LOD
Dichloromethane: < LOD
Tetrahydrofuran: < LOD
Pyridine: < LOD
Methanol: < LOD
Ethyl ether: < LOD
Acetone: < LOD
Related Substances Lignan P: < LOD
Picroetoposide: < LOD
All related compounds and impurities: 1.20%
Residue On Ignition 0.07%
Purity by HPLC 98.9% (Dried basis)
Grade USP
Storage Store at 0-8 °C

Certificate of Analysis

Catalog Number: 28435

Lot Number: 002139-1301002

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