

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 | 37808 |
| Lot Number | 002260-220503 |
| Product | Desogestrel 13-Ethyl-11-methylene-18,19-dinor-17 α -pregn-4-en-20-yn-17-ol |
| CAS Number | 54024-22-5 |
| Molecular Formula | C ₂₂ H ₃₀ O |
| Molecular Weight | 310.48 |

| | |
|---------------------------|---|
| Appearance | White crystalline powder |
| Solubility | Practically insoluble in water, very soluble in methanol, freely soluble in anhydrous ethanol and in methylene chloride. |
| Optical Rotation | $[\alpha]_D^{20} = 55.2^\circ$ |
| Infrared Spectrum | Conforms to structure |
| Loss on Drying | 0.1% |
| Residual Solvents | Methylene chloride : 235 ppm, n-Hexane : 100 ppm Acetic acid, n-Heptane, THF, Methanol : Not detected |
| Related Substances | Impurity A, D : < 0.05% Impurity B, C : Not detected Unspecified impurities : < 0.05% Total impurities : < 0.05% |
| Sulfated Ash | 0.06% |
| Assay | 99.9% (Dried basis) |
| Grade | EP |
| Storage | Store at 2 - 8 °C |

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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