

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

Product Specifications

Catalogue Number	32461
Product	Cytisine (-)-Cytisine (1 <i>R</i> ,5 <i>S</i>)-1,2,3,4,5,6-Hexahydro-1,5-methano-8 <i>H</i> -pyrido[1,2 <i>a</i>][1,5]diazocin-8-one
CAS Number	485-35-8
Molecular Formula	C ₁₁ H ₁₄ N ₂ O

Warnings	Keep container tightly closed in a dry and well-ventilated place
Appearance	Light yellow or white powder
Clarity & Color	Clarity of solution:- Not more intensely opalescent than reference suspension II Color of solution:- Not more intensely colored than reference solution Y1
Solubility	Free soluble in water, methanol, ethanol Soluble in acetonitrile and chloroform
Odor	Odorless
Melting Point	154 - 157 °C
Heavy Metals	≤ 10 ppm
Anion	Chlorides : ≤ 0.020%
Cation	Lead : ≤ 2 ppm Arsenic : ≤ 2 ppm
Yeast and Mold	≤ 100 cfu/g
Optical Rotation	[α] ²⁰ _D = -120 to -125 °
Infrared Spectrum	Conforms to structure
Loss on Drying	≤ 0.5%
Residual Solvents	≤ 0.5%
E. Coli	Negative

Product Specifications

Catalog Number: 32461

Microbial Count	≤ 1000 cfu/g
Salmonella	Negative
Staphylococcus Aureus	Negative
Related Substances	N-Methylcytisine : ≤ 0.5% N-Formylcytisine : ≤ 0.5% Total impurities : ≤ 1.0%
Sulfated Ash	≤ 0.2%
Purity by GC	≥ 99%
Storage	Store at ≤ -10 °C
Additional Information	Pesticide residue : Negative

For Laboratory Use Only