

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	32160
Product	Diosmin
Lot Number	002942-181005 3',5,7-Trihydroxy-4'-methoxyflavone 7-rutinoside
CAS Number	520-27-4
Molecular Formula	C ₂₈ H ₃₂ O ₁₅
Molecular Weight	608.55

Appearance	Off-white to yellow to brown powder
Heavy Metals	Conforms
Anion	Iodine : < 0.1%
Water Content (Karl Fisher)	3.6%
Yeast and Mold	< 10 /g
Infrared Spectrum	Conforms to structure
Residual Solvents	Methanol : 0 ppm Ethanol : 0 ppm Pyridine : 83 ppm
E. Coli	Absence in 1g
Microbial Count	< 100 /g (TAMC)
Related Substances	Acetoisovanillone : 0.04% Hesperidin : 1.9% Isorhoifolin : 1.6% Linarin : 1.6% Diosmetin : 0.32% Any other impurity : < 1.0% Total other impurities & acetoisovanillone : 0.19% Total impurities : 5.7%
Residue On Ignition	0.10%
Purity by HPLC	93.4%
Grade	USP
Storage	Store at 2 - 8 °C

Certificate of Analysis

Catalog Number: 32160

Lot Number: 002942-181005

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