

Chem-Impex International, Inc.

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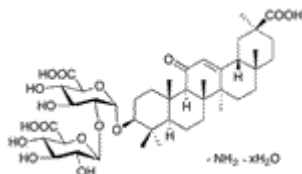
Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	32182
Product	Monoammonium glycyrrhizinate hydrate Glycyrrhizic acid monoammonium salt hydrate Glycyrrhizin monoammonium salt hydrate
CAS Number	53956-04-0
Molecular Formula	C ₄₂ H ₆₅ NO ₁₆ · xH ₂ O
Molecular Weight	839.97

Solubility Soluble in water & ethanol

Odor Sweet

Melting Point 217° C

Heavy Metals ≤ 10 ppm

Anion Chloride : ≤ 0.014%

Sulphate : ≤ 0.025%

Cation Arsenic : ≤ 2 ppm

pH 4 - 5

Mould and Yeast ≤ 100 cfu/g

Optical Rotation [α]²⁰_D = 49 - 54 °

Loss on Drying ≤ 5%

Residual Solvents Alcohol : ≤ 1.0%

E. Coli Negative

Microbial Count ≤ 1000 cfu/g

Salmonella Negative

Residue On Ignition ≤ 0.1%

Purity by HPLC ≥ 73%

Purity by UV ≥ 98%

Application Store away from oxidizing agents, sources of ignition. Store under inert gas (e.g. Argon).

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Storage

Store at RT

For Laboratory Use Only