

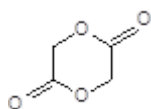
PURASORB® G

Rev. No. 5 / March 2015

Product data sheet

Description

PURASORB G is a GMP grade Glycolide, a dimer of glycolic acid. Glycolide is a white, crystalline solid and is commonly used for the synthesis of Glycolide containing polymers and copolymers.



Glycolide

Specification	Test	Method	Specification
	Appearance	visual	white crystalline solid
	Identification	FTIR	conforms to reference
	Assay	GC	min. 99.5 wt. %
	Melting range	DSC, 10°C/min.	82 – 87 °C
	Free acid	titration	max. 1 meq/kg
	Water content	titration	max. 0.03 wt. %

For each batch a certificate of analysis is provided, showing the analytical data determined in our quality control laboratory. Additional analytical data can be made available upon request.

Physical-chemical properties

Molecular formula	C ₄ H ₄ O ₄
Molecular weight	116.07 g/mol
Chemical name	1,4-dioxane-2,5-dione
CAS Registry number	502-97-6

Packaging

PURASORB G can be supplied in 1, 5 or 10 kg packages. Normal packaging consists of a vacuum-sealed inner bag of clean room grade PE and an outer bag of aluminum coated polyester-PE laminate. The packed product is shipped in an additional bag of PE and in PE containers for added protection.

Storage & Handling

Current stability studies show that when stored in the original packaging at low temperatures (-15°C), PURASORB G keeps its initial properties for at least three years.

Allow the material to reach room temperature before opening the packaging. After opening the original packaging PURASORB G is best stored in an inert atmosphere (or under vacuum) and at low temperatures (-15°C).