

Technical Data Sheet

Product Name	Urea P.G.		
Product #	KS-03002	CAS #	57-13-6
Ph. Eur., BP, USP.			
Specifications			
Assay (ex N, Calculated on Dried Substance)	99.0% - 100.0%		
Assay (HPLC)	98.0% - 102.0%		
Appearance	Colorless crystals		
Identity (IR)	Passes test		
Appearance of Solution (5% Water)	Conforms		
Insoluble in Ethanol	< 0.04%		
Chloride (Cl)	< 0.007%		
Sulfate (SO ₄)	< 0.010%		
Heavy Metals	< 0.0010%		
Loss on Drying	< 1.0%		
Sulfated Ash	< 0.10%		
Melting Point	132-135°C (lit.)		
Biuret	< 0.1%		
Organic Impurities (Total)	< 2.0%		

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