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## Typical Product Specifications & Properties

# Theophylline Anhydrous, USP

CAS Number: : 58-55-9

Specifications	Limits
Slightly Soluble	in ether
Sensoric	White Crystalline Powder
Melting Range	270 °C - 274 °C
Appearance of Solution	Clear, colorless
Related Substances	NMT 0.5%
Heavy Metals; USP <231>	NMT 20 ppm
Organic Volatile Impurities	Meets the requirements
Loss on Drying	NMT 0.5%
Residue on ignition; USP <281>	NMT 0.15 %
Assay	97.0% - 102.0 %
Melting Point	268 c
Odor	odorless



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Specifications	Limits
Molecular weight	180.17
Solubility	hot water, alkali hydroxides, ammonia, dil. hcl, hno3



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