

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	32477
Product	Etofylline
Lot Number	003483-240011
	7-(β -Hydroxyethyl)theophylline 1,3-Dimethyl-7-(2-hydroxyethyl)xanthine
CAS Number	519-37-9
Molecular Formula	$C_9H_{12}N_4O_3$
Molecular Weight	224.22

Appearance	White crystalline powder
Appearance of Solution	Clear and colorless
Solubility	Soluble in water, slightly soluble in alcohol.
Melting Point	162.8 °C
Heavy Metals	< 20 ppm
Anion	Chloride (Cl) : < 400 ppm
Acidity	0.10 mL of 0.01M NaOH
Infrared Spectrum	Conforms to structure
Loss on Drying	0.24% at 105 °C
Related Substances	Passes test by TLC
Sulfated Ash	0.07%
Assay	99.6% (On dried basis)
Storage	Store at 0 - 8 °C
Additional Information	Identification : Crystals melt : 102.3 °C Xanthines : Passes test

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Lot Number: 003483-240011

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