

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	24572
Lot Number	002085-20140310
Product	Chlorpromazine hydrochloride 2-Chloro-10-(3-dimethylaminopropyl)phenothiazine hydrochloride Largactil
CAS Number	69-09-0
Molecular Formula	C ₁₇ H ₁₉ ClN ₂ S•HCl
Molecular Weight	355.33
Appearance	White to off-white crystalline powder
Solubility	Very soluble in water, freely soluble in ethanol.
Melting Point	194.5-196.5 °C
Heavy Metals	< 10 ppm
pH	4.2
Infrared Spectrum	Conforms to standard
Loss on Drying	0.18%
Related Substances	Impurity A: 0.02% Impurity B: 0.02% Impurity C: 0.28% Impurity D: 0.19% Impurity E: < 0.1% Any other impurity: 0.05% Total: 0.56%
Sulfated Ash	0.07%
Assay	99.78%
Purity by TLC	Conforms to standard
Grade	BP
Storage	Store at 0-8 °C
Additional Information	UV Absorption (1%/1cm at λ = 254nm): 890-960 Test for chloride: Conforms

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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

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager