

Certificate of Analysis

Product name	Thiocolchicoside	Batch No.:	20140610
Analysis date	2014.06.10	Expiration date	2019.06.09
Examination basis	USP30		

Items of analysis	Specification	Result
Appearance	Pale yellow to greenish yellow amorphous powder is odoleless or nearly so.	Conforms
Solubility	1) Soluble in water 2) Freely soluble in alcohol 3) Freely soluble in chloroform 4) Slightly soluble in ether	Complies Complies Complies Complies
Identification	IR Spectra of sample should match with that of standard	Complies
Specific optical rotation	-240° to -250°	-247.5°
Water contents	NMT 2.0%	1.50%
Limit of colchicine	No definite green color is produced	Complies
Limit of ethylacetate	NMT 8.0%	3.8%
Chloroform	NMT 100ppm	Complies
Chromatographic purity	NLT 95.0%	99.2%
Chromatographic purity (sum of total impurity)	NMT 5.0%	0.80%
Organic volatile impurity	Limit of chloroform 100ppm	Complies
Assay (O.D.B.)	94%-101.0%	98.8%
Conclusion	THE QUALITY OF THIS LOT CONFORMS TO USP30	

Tested by: Alice

Checked by: Anna

Approved by: Penny

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