



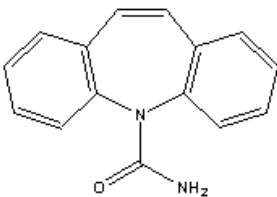
HANGZHOU DINGYAN CHEM CO.,LTD

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## CERTIFICATE OF ANALYSIS

NO: **DYC041610183**

Product name	Carbamazepine, USP37
CAS Number	298-46-4
Molecule Structure	
Molecule Formula	C <sub>15</sub> H <sub>12</sub> N <sub>2</sub> O
Batch number	2016-06-01
Manuf Date	2016-06-01
Testing date	2016-06-01

Items	Standard	Result
Appearance	White to off-white crystalline powder	White crystalline powder
Identification	Consistent with the corresponding control	Conform
Acidity	1.0ml/g(0.010mol/L NaOH) max	Conform
Alkalinity	1.0ml/g(0.010mol/L HCl) max	Conform
Loss on drying	0.5% max	0.02%
Residue on ignition	0.1% max	0.02%
Chlorides	0.014%(140ppm) max	0.014% max
Heavy Metals	0.001%(10ppm) max	0.001% max
Related Compounds	Impurity A :0.2% max	0.05% max
	Impurity B(ISB) :0.2% max	0.05% max
	Any other impurity:0.2% max	0.05% max
	Total Impurity:0.5% max	0.05%
Assay	96.0%~102.0%	99.30%
Residual solvents	Chlorobenzene:360ppm max	30ppm max
	Methanol:3000ppm max	300ppm max
	Ethano:5000ppm max	500ppm max
Conform with USP37		

Hangzhou Dingyan Chem Co., Ltd.  
QUALITY CONTROL: *Cristina* CHECK: 姚仙娟 INSPECTOR: 刘清风  
Quality Control Signature(s)

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