



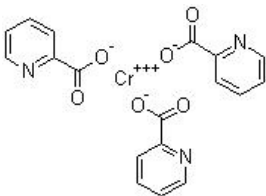
HANGZHOU DINGYAN CHEM CO.,LTD

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CERTIFICATE OF ANALYSIS

NO: DYC041611036

Product name	Chromium picolinate
CAS Number	14639-25-9
Molecule Structure	
Molecule Formula	$\text{Cr}(\text{C}_6\text{H}_4\text{NO}_2)_3$
Batch number	20160928
Manuf&Exp. Date	2016-09-28, 2018-09-27
Testing date	2016-09-29

Items	Standard	Result	Test Methods
Appearance	Red fine powder	Complies	Visual
Odor and taste	Chracteristic	Chracteristic	Organoleptic
Assay	98%-102%	99.3%	HPLC
Chromium (Cr)	12.18%-12.66%	12.28%	titration
Sieve analysis	100% through 80 mesh	100% through 80 mesh	80 mesh screen
Loss on drying	4.0% max	1.0%	5g/105°C/2hrs
Lead(Pb)	2ppm max	conforms	ICP-MS
Arsenic(As)	1ppm max	conforms	ICP-MS
Cadmium(Cd)	1ppm max	0.1ppm max	ICP-MS
Mercury(Hg)	1ppm max	0.1ppm max	ICP-MS
Chloride(Cl)	0.06% max	conforms	Colorimetry
Sulfate(SO ₄)	0.2% max	conforms	Colorimetry
Bulk density	0.5-0.7g/ml	0.67g/ml	Fixed weight method
Microbiological limit			
Total plate count	1000 cfu/g max	100 cfu/g	GB 4789.2-2010
Yeast&Mold	100 cfu/g max	10 cfu/g max	GB 4789.15-2010
E. Coli	Negative	Negative	GB 4789.2-2010
Salmonella	Negative	Negative	GB 4789.4-2010
Staphylococcus	Negative	Negative	GB 4789.10-2010

Hangzhou Dingyan Chem Co., Ltd.
QUALITY CONTROL: Cristina
Quality Control

CHECK: 姚仙娟

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