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Add: NO.1 QiYuan Str, WangYuan Industrial Area,

YinChuan NingXia China

Postcode: 750101 E-mail: ie@china-qiyuan.com

Tel: 86-951-4066938 Fax: 86-951-4066968

检验报告书

QYPF-ZB-B297

CERTIFICATE OF ANALYSIS

品名: 维生素C(抗坏血酸) Name of product: Vitamin C(Ascorbic Acid)	产品批号: 200703-C02 Batch No.:
数量: 18000 Kg Quantity:	包装: 25kg/箱(carton) Packing:
生产日期: 2020-7-3 Mfg. Date:	检验编号: 0251 Analysis No.:
	报告日期: 2020-7-8 Report Date:
	有效日期: 2023-7-2 Expiry Date:

检验项目 /Test Items	质量标准 /Specification	检验结果 /Results
性状 /Characters:	白色或类白色结晶性粉末或无色结晶 White or almost white, crystalline powder or colourless crystals	白色结晶性粉末 White crystalline powder
溶解性 /Solubility:	易溶于水,微溶于酒精,不溶于氯仿、乙醚及苯。 Freely soluble in water,sparingly soluble in alcohol,insoluble in chloroform,ether,and benzene.	符合规定 /Corresponds
鉴别 /Identification:	应符合规定 /Corresponds	符合规定 /Corresponds
熔点 /Melting point:	189℃~193℃	190 ℃
pH(5%,W/V)	2.1~2.6	2.37
pH(2%,W/V)	2.4~2.8	2.60
比旋度 /Specific optical rotation:	+20.5° ~+21.5°	+20.8°
澄清度与溶液颜色 / Apperance of solution:	溶液澄清,颜色不超过BY7号对照液 Solution S is clear and not more intensely clouded than reference solution BY7	符合规定 up to standard
含量 /Assay:	99.0%~100.5%	99.7%
铜 /Copper:	≤5ppm	<0.01ppm
铁 /Iron:	≤2ppm	<0.01ppm
汞 /Mercury:	≤1ppm	0.05ppm
砷 /Arsenic:	≤3ppm	<3 ppm
铅 /Lead:	≤2ppm	0.04ppm
杂质E(草酸) /Impurity E(Oxalic acid):	≤0.2%	<0.2%
干燥失重 /Loss on drying:	≤0.4%	0.02%
硫酸灰分(炽灼残渣) / Sulphated ash(Residue on ignition):	≤0.1%	0.03%
有关物质 /Related substances:		
杂质C /Impurity C:	≤0.15%	<0.01%
杂质D /Impurity D:	≤0.15%	<0.01%
未知杂质 /Unspecified impurities:	≤0.10%	ND
总杂 /Total impurities:	≤0.2%	ND
残留溶剂 /Residual solvents:		
甲醇 /Methanol:	≤3000ppm	57 ppm
粒径(通过率) / /Sieve Test(Pass Rate)		
40目/40 mesh:		82.3%
80目/80 mesh:		42.2%
100目/100 mesh:		34.5%

结论: 本品符合 BP2014/EP10/USP43/E300/FCC10 质量标准规定
 Conclusion: The product conforms to the standard of BP2014/EP10/ USP43/ E300 /FCC10

负责人: 王明波 2020.7.8 复核人: 关玉萍 2020.7.8 化验员: 王娟 2020.7.8
 Person in charge: 王明波 2020.7.8 Check: 关玉萍 2020.7.8 Analyst: 王娟 2020.7.8