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检 验 报 告 书

QYPF-ZB-B297-R01

CERTIFICATE OF ANALYSIS

品 名: 维生素C(抗坏血酸)		产品批号: 241130-C03
Name of product: Vitamin C(Ascorbic Acid)		Batch No.:
数 量: 9000 Kg Quantity:	包 装: 25kg/箱(carton) Packing:	报告日期: 2024-12-3 Report Date:
生产日期: 2024-11-30 Mfg. Date:	检验编号: 0567 Analysis No.:	有效日期: 2027-11-29 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	2.34
pH(2%, W/V)	2.4~2.8	2.58
比旋度 /Specific optical rotation:	+20.5° ~+21.5°	+20.9 °
溶液澄清度与颜色/ Clarity and color of solution:	溶液澄清, 颜色不超过BY7号对照液 Solution S is clear and not more intensely coloured 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	0.01ppm
砷 /Arsenic:	≤3ppm	<3 ppm
铅 /Lead:	≤2ppm	<0.01ppm
杂质E(草酸) /Impurity E(Oxalic acid):	≤0.2%	<0.2%
干燥失重 /Loss on drying:	≤0.4%	0.04%
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%	<0.006%
杂质D /Impurity D:	≤0.15%	<0.002%
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	98 ppm
粒径(通过率) /Sieve Test(Pass Rate)		
40目 /40 mesh:		77.4%
80目 /80 mesh:		36.7%
100目 /100 mesh:		20.6%

结论:
Conclusion:本品符合 BP2024/EP11.2/USP2024/E300/FCC12 质量标准规定
The product conforms to the standard of BP2024/EP11.2/ USP2024/ E300 /FCC12负责人:
Person in charge:

蔡建 2024.12.3

复核人:

Check: 2024.12.3

化验员: 蔡建 2024.12.3
Analyst: