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检 验 报 告 书

QYPI-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: 220214-C02 Batch No:
数 量: 18000 Kg Quantity:	包 装: 25kg/箱(carton) Packing:	报告日期: 2022-2-17 Report Date:
生产日期: 2022-2-14 Mfg Date	检验编号: 0124 Analysis No	有效日期: 2026-2-13 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	189.0 ~ 193.0	190.0
pH(5% W/V)	2.1 ~ 2.6	2.36
pH(2% W/V)	2.4 ~ 2.8	2.53
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 clouded than reference solution BY 7	符合规定 up to standard
含量 / Assay	99.0% ~ 100.5%	99.8%
铜 / Copper	≤ 5ppm	≤ 0.01ppm
铁 / Iron	≤ 2ppm	≤ 0.01ppm
汞 / Mercury	≤ 1ppm	0.01ppm
砷 / Arsenic	≤ 3ppm	≤ 3.0ppm
铅 / Lead	≤ 2ppm	0.02ppm
杂质E(草酸) / Impurity E(Oxalic acid)	≤ 0.2%	≤ 0.2%
干燥失重 / Loss on drying	≤ 0.1%	0.03%
硫酸灰分(炽灼残渣) / Sulphated ash(Residue on ignition)	≤ 0.1%	0.02%
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	82.0ppm
筛 径 (通过率) / Sieve Test(Pass Rate)		
40目 / 40 mesh		81.2%
80目 / 80 mesh		43.3%
100目 / 100 mesh		30.1%

结论:

Conclusion

本品符合中国2020-EP10- USP2021/ E300- FCC12 质量标准规定
The product conforms to the standard of BP2020/EP10/USP2021/E300/FCC12

负责人:

Person in charge

孙婷 2022.2.17

复核人:

Check

朱建萍 2022.2.17

化验员:

Analyst

陈丽娟 2022.2.17

