

产品分析证书
Certificate of Analysis

产品信息(Product Information)

产品编号 (CAT No.) : N0219

中文名称: 虫草素

English Name: Cordycepin

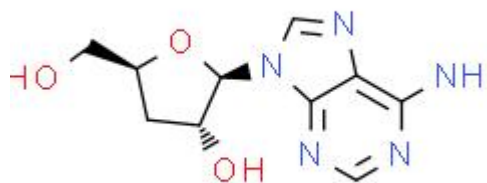
CAS No.: 73-03-0

分子式 (M. F.):

C₁₀H₁₃N₅O₃

分子量 (M. W.): 251.246

批号 (Batch No.): 2208021901



检测项目及结果 (Specifications&results)

检验项目 (Test Item)	检验规格 (Specifications)	检验结果 (Results)
颜色 Color	类白色至淡黄色(Off-white to light yellow)	类白色(Off-white)
外观 Appearance	粉末或固体(Powder or Solid)	粉末(Powder)
纯度 Purity	≥98.0% by HPLC	Conforms
质谱 Mass	Comply with the structure	Conforms
核磁 NMR	Comply with the structure	Conforms

贮存条件 (Storage) : 2~8℃, protected from light, keep package airproofed. <-15℃ when not in use for a long time. (密封保存, 置于阴凉干燥处, 长期不使用最好放置于-15℃以下环境中)

温馨提示 (Reminder) : The sample solutions should be prepared immediately before use.(请现配现用)

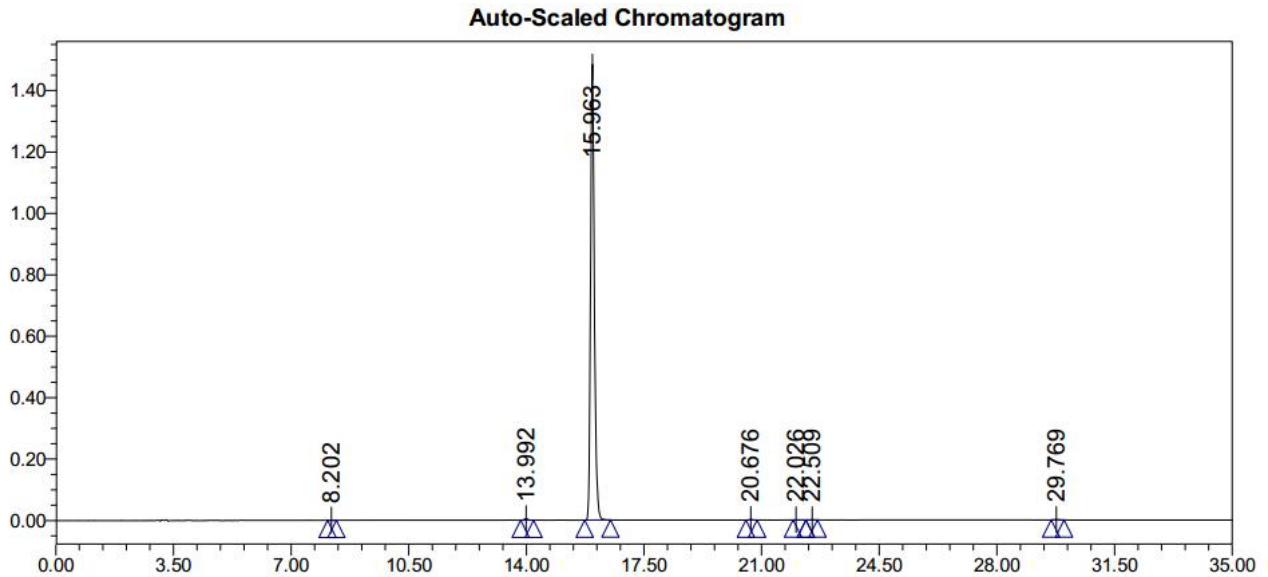
QC: Ben Yang

QA: Joy Li



产品售后 (After-sale service): In case of quality issue, please contact us within 15 days after receipt of the product. (若对于我们的产品质量有任何疑问, 请于收到货后 15 天内联系我们)

HPLC Chromatogram



Peak Results

	RT	Area	% Area	高度 (微伏)	USP 分离度	USP 理论塔板数
1	8.202	9343	0.08	1238		34806.24
2	13.992	39097	0.33	4874	29.56	80502.77
3	15.963	11631628	99.24	1479741	9.62	97944.53
4	20.676	13529	0.12	1612	21.62	140516.30
5	22.026	6791	0.06	677	6.03	82612.05
6	22.509	7069	0.06	749	2.27	230179.16
7	29.769	13540	0.12	1133	25.90	166411.45

检测方法 (Test Method)

色谱柱 (Column) : Agilent 5 HC-C18,4.6*250mm

流动相 (Mobile phase): 乙腈: 三乙胺-磷酸溶液 (PH6-7) = 7:93 (Acetonitrile: 50mmol/L Triethylamine in water (Phosphoric acid adjusted to pH 7) = 7:93)

检测波长 (Detection mode) : 260nm

柱温 (Column temperature) : 30°C