

产品分析证书 Certificate of Analysis

产品信息(Product Information)

产品编号 (CAT No.): N0023

中文名称: 紫苏醛

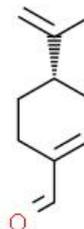
English Name: (-)-Perillaldehyde

CAS No.: 18031-40-8

分子式 (M. F.): C₁₀H₁₄O

分子量 (M. W.): 150.2176

批号 (Batch No.): N2500231017



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	淡黄色至黄色 (light yellow to Yellow)	淡黄色 (light yellow)
外观 Appearance	液体 (liquid)	液体 (liquid)
纯度 Purity	90%	Conforms
质谱 Mass	Comply with the structure	Conforms
核磁 NMR	Comply with the structure	Conforms

贮存条件 (Storage): 2~8°C, protected from light, keep package airtight. <-15°C 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°C以下环境中)

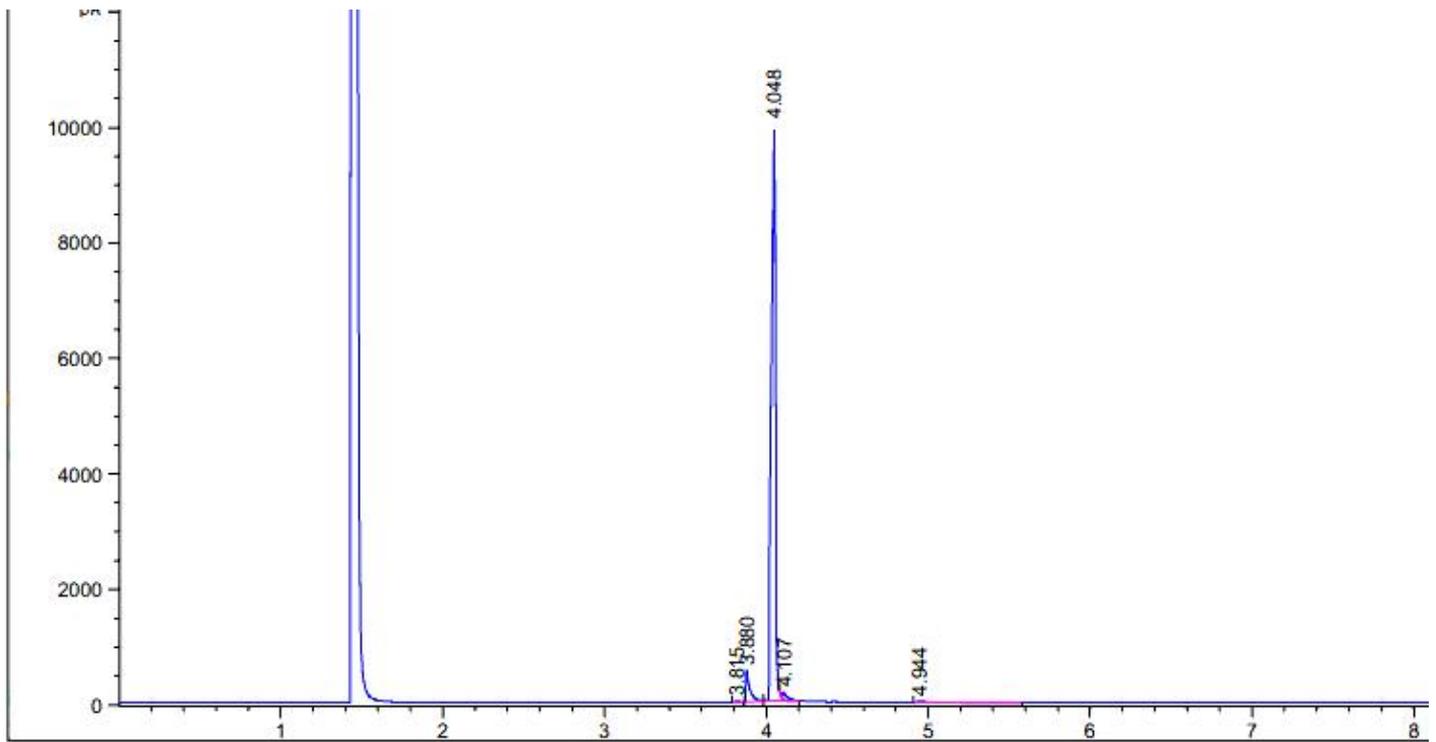
温馨提示 (Reminder): The sample solutions should be prepared immediately before use. (请现配现用)



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)

(We appreciate you much when publishing your paper and marking the chemical purchase from Naturewill Biotechnology Co., Ltd. (Chengdu, China) 当发表论文时, 请您标注化合物购买于四川恒诚致远生物科技有限公司, 非常感谢您的支持。)

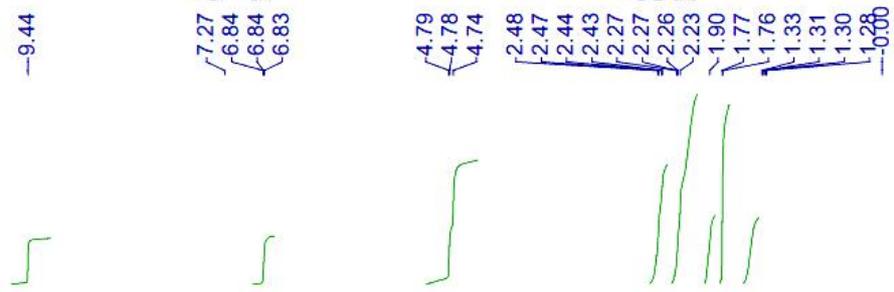
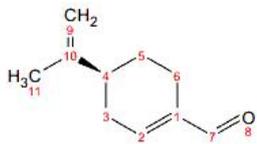


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 Area Percent Report
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Sorted By : Signal
 Multiplier : 1.0000
 Dilution : 1.0000
 Use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A, Front Signal

Peak #	RetTime [min]	Type	Width [min]	Area [pA*s]	Height [pA]	Area %
1	3.815	BB	0.0261	25.13234	14.56420	0.13135
2	3.880	BB	0.0220	863.07080	528.96033	4.51073
3	4.048	BV R	0.0318	1.77942e4	9991.10156	92.99938
4	4.107	VB E	0.0329	290.52692	117.16000	1.51840
5	4.944	BB	0.1206	160.74843	16.95586	0.84013



^1H NMR (400 MHz, CDCl_3) δ 9.44 (s, 1H), 6.96 – 6.71 (m, 1H), 5.05 – 4.46 (m, 3H), 2.57 – 2.37 (m, 3H), 2.33 – 2.04 (m, 4H), 1.91 (ddd, $J = 7.5, 5.5, 2.7$ Hz, 2H), 1.76 (d, $J = 4.2$ Hz, 4H), 1.54 – 1.36 (m, 1H).

