



Certificate of Analysis

benzbromaron

Brand Name :Biochempartner

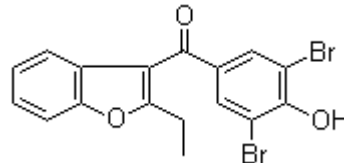
M.Wt: 424.08

Formula: C₁₇H₁₂Br₂O₃

Purity: ≥98.5%

CAS No.: 3562-84-3

Batch NO: 2014032404



Item	Specification	Results
外观	应为白色至微黄色结晶性粉末；无臭，无味	微黄色结晶性粉末
鉴别		
(1) 紫外光谱	应在 357nm 的波长处有最大吸收，在 289nm 的波长处有最小吸收，在 240nm 的波长处有肩峰	符合规定
(2) 红外光谱	应与对照的图谱（光谱集 1094 图）一致	符合规定
(3) 化学反应	溶液应显溴化物的鉴别反应	呈正反应
酸碱度	应符合规定	符合规定
三氯甲烷溶液的澄清度与颜色	溶液应澄清无色；如显色，不得深于黄色 3 号标准比色液	符合规定
可溶性卤化物	不得过 0.017%	符合规定
有关物质	杂质 I（RRT≈0.5~0.6）峰面积不得大于对照溶液主峰面积的 4 倍(0.4%)	0.001%
	杂质 II（RRT≈2.0~2.5）峰面积不得大于对照溶液主峰面积的 5 倍（0.5%）	0.11%

Note: Products protected by valid patents are not offered for sale in countries where the sale of such products constitutes a patent infringement and its liability is at buyer's risk. This item is only for R&D purpose not for commercial business in kilos. Buyers should overview the patent issue in their countries.

	其他单个杂质峰面积不得大于对照溶液主峰面积 (0.1%)	<0.02%
	其他各杂质峰面积的和不得大于对照溶液主峰面积的 2 倍 (0.2%)	<0.02%
干燥失重	减失重量不得过 0.5%	0.04%
炽灼残渣	遗留残渣不得过 0.1%	符合规定
铁盐	不得过 0.002%	
重金属	含重金属不得过百万分之十	
砷盐	不得过 0.0001%	
含量测定	按干燥品计算, 含 $C_{17}H_{12}Br_2O_3$ 不得少于 98.5%	99%

Conclusion: Complies with In-house standard.

QA manager :kexianxun

For and on behalf of
SHANGHAI BIOCHEMPARTNER CO., LIMITED

Authorized Signature(s)

Kevin



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