

**CHINA LANGCHEM INC.**

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**CERTIFICATE OF ANALYSIS**  
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<b>Product</b>	<b>2,6-Ditert-butyl-4-ethylphenol</b>
<b>Manufacture Date:</b>	2013-03-02
<b>Analysis Date:</b>	2013-03-28
<b>Batch NO.:</b>	130301
<b>Exp. date</b>	2014.3.1

<b>CAS:</b>	4130-42-1	
<b>Molecular Weight:</b>	234.377	
<b>Structure :</b>	$C_{16}H_{26}O$	
	Inspection Standard	Results
<b>Appearance:</b>	White crystal	conforms
<b>water</b>	$\leq 0.1\%$	0.053%
<b>Purity(GC)</b>	$\geq 99.0\%$	99.27%
<b>MP</b>	42-44℃	43.01℃
<b>Dissociative phenol (PEP)</b>	$\leq 0.015\%$	0.012%
<b>Ash</b>	$\leq 0.01\%$	0.008%
<b>Sulfates(SO4)</b>	$\leq 20\text{ppm}$	$\leq 20\text{ppm}$
<b>Heavy Metal(Pb)</b>	$\leq 4\text{ppm}$	$\leq 4\text{ppm}$