

CERTIFICATE OF ANALYSIS

Product name: trans-4-Methylcyclohexanecarboxylic acid

Synonyms: (1r,4r)-4-methylcyclohexanecarboxylic acid

中文名称: 反式对甲基环己基甲酸

Molecular formula: $C_8H_{14}O_2$

CAS NO.: 13064-83-0

Description: whitish crystalline powder

Items	Requirement	Result	Test methods
Assay	$\geq 99.50\%$	99.90%	GC
Cis isomer content	$\leq 0.20\%$	0.08%	GC
Total other impurities	$\leq 0.30\%$	0.03%	GC
Melting point	110°C-112°C	111.0°C-111.2°C	CP2010 version second part addendum vi C
Burning residue	$\leq 0.20\%$	0.04%	CP2010 version second part addendum vi C

Packaging: 25kg barrel