

Certificate of Analysis

Compound: 1,1,5,5-Tetramethyl-2-(1-methylethenyl)-3-(2,2,4-trimethylpentyl)-

cyclohexane

Formula: C₂₁H₄₀

Structure:

$$H_3C$$
 CH_3
 CH_3

CAS-no.: 2512216-71-4

Molecular weight: 292.3 g/mol

Catalog no.: ASAS-003

Batch no.: #20230710

Retest date: 2025-07-10

Identity (NMR): Confirms to structure

(Spectral Service AG study report ASL203855 and ASL92927)

Purity (GC-MS area%): 100.0% (see page 2).

Content (quan NMR): $98.0\% \pm 0.3\%$ (95% level of confidence)

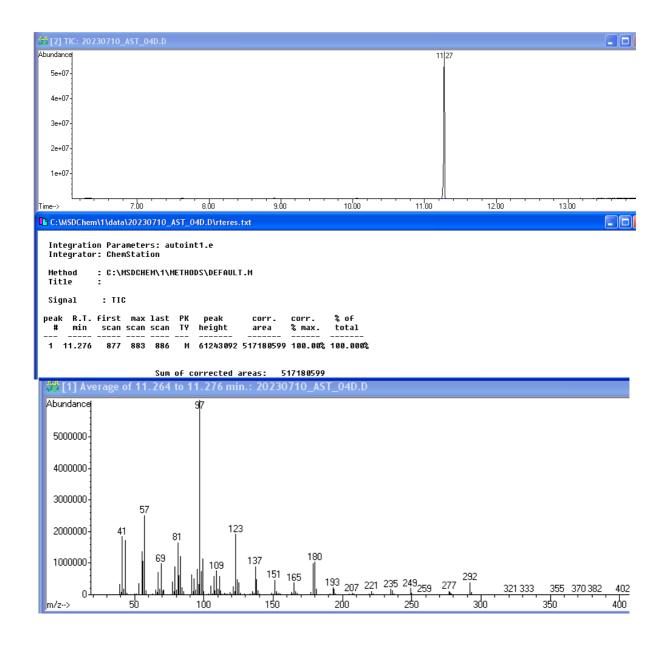
(Metrological traceability NIST SRM 84l (KHP), Spectral Service AG study report

ASL217297-1)

Storage: 2-8 °C, protected from light

For laboratory use only

GC-MS chromatogram and spectrum of C₂₁H₄₀, batch #20230710



Adi Sh

2023-07-10

Andre Stratmann

Date