

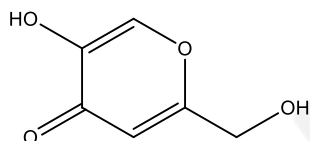
QNMR Result

Project ID/Batch No.:

Sample Information:

Analyte

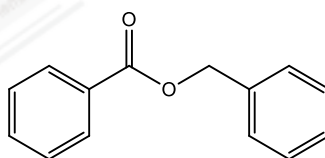
Quantitative peak: at 2.50 ppm
1033803



Chemical Formula: C₆H₆O₄
Molecular Weight: 142.11

Internal Standard

Quantitative peak: at 5.37ppm
CAS:120-51-4



Chemical Formula: C₁₄H₁₂O₂
Molecular Weight: 212.24

1. Parameter: d1=60s

2. Calculation:

$$Pa = \frac{Ia}{Is} \cdot \frac{Ns}{Na} \cdot \frac{Ma}{Ms} \cdot \frac{Ws}{Wa} \times Ps$$

in which,

- Pa Represents the purity of the analyte
- Ia Represents the integral area of the analyte at quantitative peak
- Na Represents the number of protons at the quantitative peak of the analyte
- Ma Represents the Molecular Weight of the analyte
- Wa Represents the weighing Weight of the analyte
- Ps Represents the purity of the Standard
- Is Represents the integral area of the standard at quantitative peak
- Ns Represents the number of protons at the quantitative peak of the standard
- Ms Represents the Molecular Weight of the standard
- Ws Represents the weighing Weight of the standard

3. Result:

No.	Sample ID	Wa (mg)	Ws (mg)	Ia	Is	Ps (%)	Pa (%)	Pa% (Avg)	RSD (≤2%)
1	LJC202302130113-QNMR1	22.37	23.18	1.4288	1	99.50	98.64	98.65	0.31
2	LJC202302130113-QNMR2	22.06	23.06	1.4210	1	99.50	98.96		
3	LJC202302130113-QNMR3	22.35	22.73	1.4516	1	99.50	98.35		

Operator/Date: Yiming Chen/14-Feb-2023

Reviewer/Date: Yanqing Ma/14-Feb-2023