



CERTIFICATE OF ANALYSIS

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1. Identification

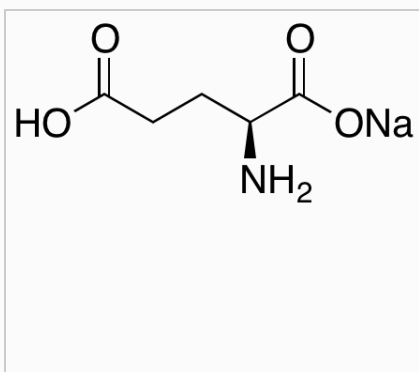
Catalogue Number: G597123

CAS Number: 142-47-2

Product: L-Glutamic Acid Monosodium Salt

Synonym: Accent; Accent (Food Additive); Ancoma; Chinese Seasoning; E 621; Glutacyl; Glutalin; Glutamate Sodium; Glutamic Acid Monosodium Salt; Glutavene; L-Glutamic Acid Sodium Salt; L-Monosodium Glutamate; MSG; MSG (Food Additive); Monosodium L-Glutamate; Monosodium Glutamate; NSC 135529; RL 50; Sodium L-Glutamate; Sodium Glutamate; Sodium Hydrogen Glutamate; Sodium Monoglutamate; Vetsin; Zest;

Structure:



Molecular Formula:

C₅H₈NNaO₄

Molecular weight:

169.11

Source of Product:

N/A

Solubility:

Aqueous Acid (Slightly),
Water (Sparingly)

Lot Number: 1-MFI-167-1

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White Solid
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 32.15, %H: 5.43, %N: 7.41
HPLC Purity	Report Result	100.00% (ELSD)

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Swathi Reddy	Toni Rantanen	Chanell Chu	1/17/2023	1/15/2027
				