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Certificate of Analysis

Product Description: Sodium Diatrizoate
Catalog Number: 102908
Lot: 1651K

Formula: C₁₁H₈I₃N₂O₄Na

CAS #: 737-31-5

Physical Description: White Powder

Formula Weight: 635.92

Storage: Room Temperature, protect from light

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥99%	99.4%
FTIR	Conforms to Standard	Conforms to Standard
pH	7.0 - 9.7	9.1

Water: 7.45%

Iodine and Iodide: Not Red Color (less than 0.02%)

Free Aromatic Amine: 0.0003%

Edetate Calcium Disodium: 0.0019%

Residual Isopropanol: 43 ppm

Identification:

A. Thin-Layer Chromatography: Principle spot from sample chromatogram is approximately the same size and at the same R_f as the principle spot from reference chromatogram

B. Iodine: Violet vapors evolved

C. Sodium: Intense yellow color to a non-luminous flame

09/16/2008 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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