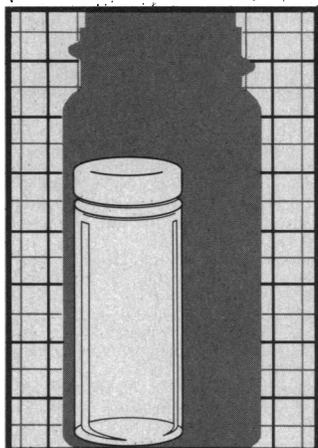


J.T. Baker Reduced Volume Scintillation Fluids for Aqueous LSC Samples



FACTS:

- Requires only 3-5 ml of fluid per 1 ml of aqueous sample
- Yields cost reduction of 33-50%
- Gives significantly improved counting efficiency
- Cuts waste volume in half
- Provides increased safety—higher flash points and safer packaging

Baker provides a choice of three reduced volume fluids:

- AQUALYTE™
- AQUALYTE PLUS™
- MAXIFLUOR™

combined with 6 ml and 3 ml MILLIQUANT™ vials. This innovative system drastically reduces per sample costs and overall waste disposal *without sacrificing performance.* (See Table I)

Table I: ³H-Counting Efficiency for 0.15M NaCl

Sample Load	0.5 ml	1.0 ml	1.6, 1.4, 1.4 ml
Reduced Volume Fluid (4 ml)	53.3	50.0	43.9
Cocktail A (10 ml)	42.3	38.3	38.2
Cocktail B (10 ml)	42.3	41.1	38.5

Higher counting efficiency and increased sample loading capacity result from the use of Baker's proprietary blend of ionic surfactants. To discover how J. T. Baker's reduced volume approach can work for you, write or call:



J. T. Baker Chemical Company
Product Manager
Biological Science Products
222 Red School Lane
Phillipsburg, NJ 08865 (201) 859-2151



Project Management

NATURAL GAS RESEARCH

Basic Research fulfills an essential function within GRI: to develop the conceptual and scientific groundwork for long-term advances in natural gas supply, utilization, and distribution technologies. Currently, the Basic Research program is adding two positions to its staff to manage University grants and contracts in research project areas, they are:

- Project Manager, Combustion
- Project Manager, Thermophysical Properties

The ideal individual will possess an advanced degree in Chemical Engineering, Chemistry, or Physics and 3-5 years' experience in thermodynamics, thermophysical fluid properties, or engineering related to combustion or flame science, or turbulent/reactive gas dynamics.

GRI manages R&D programs in natural gas technology. Funded by the ratepayer, GRI is dedicated to improving the efficiency of natural gas utilization for the benefit of the consumer. Energy management is the key to a promising future: will you be one to help insure it?

Qualified individuals should forward their resume, including salary requirements to: **D.J. Levit, Dept. S-409.**

GAS RESEARCH INSTITUTE
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Gas Research Institute