

# Fluka Stn + Tch = Cfd

Analytical Standards

Technical Support

Confidence

## Fluka™ Analytical Standards

Advance your analysis with expert technical support

### Advance your analysis

Honeywell Fluka™ analytical standards offers a growing range of high quality inorganic and organic reference materials produced according to ISO 9001, and suitable for a wide range of industries and applications. Every vial comes complete with a printed Certificate of Analysis (CoA) and is eligible for free expert technical support - ensuring you have the information you need to quickly start your analysis, and pass relevant audits.

### Each CoA includes:

1. Contact and technical support details
2. Expiry date
3. Product number, name and batch
4. General product information
5. Lot specific analytical results
6. Purity test by HPLC, GC, LC-MS, GC-MS and Titration
7. Identity test by NMR, FT-IR or Mass Spectrometry

**1** Honeywell Specialty Chemicals Sweden GmbH D-20118 Seattle  
phone: +46 3127 999 150  
email: TO-standards@honeywell.com

**2** Date of Analytic: 27 Apr 2018  
Production Date: 27 Apr 2018  
Expiry Date: 27 Apr 2021

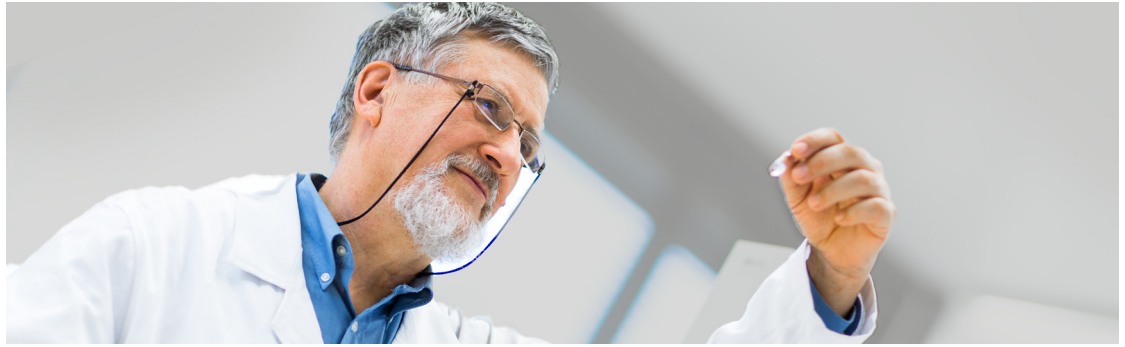
**3** Article/Product: R1900  
Reserpine (3,4,5-trimethoxy-8β), reference material  
Batch: 1117X

**4** Reference Material (RM)  
1. General Information  
Formula: C33H41NO9  
CAS No.: [84750-11-9]  
Usage:

**5** 2. Batch Analysis  
identity (NMR) complying  
assay (HPLC) 99.7 %  
measurement uncertainty ± 0.5 %  
assay ID -59 %  
melting range 273 - 275 °C

**6** HPLC chromatogram showing a single sharp peak at approximately 10.5 minutes. The x-axis is labeled 'min' and the y-axis is labeled 'AU'.

**7** NMR spectrum showing several peaks in the aromatic region (6-8 ppm) and aliphatic region (3-5 ppm). The x-axis is labeled 'ppm'.



### Limit expensive delays with free expert technical support

If you have a critical question that is not addressed by our documentation, Honeywell Fluka provide fast technical support from experts who have been developing, producing and testing standards for decades, ensuring you get timely, effective help with even the trickiest application questions – potentially saving you hundreds of Euros, and hours of lab-work\*.

- We solve the majority of customer product enquiries after one email or phone call.
- More complex application troubleshooting is normally resolved within 5 working days.

### Save valuable lab-time using Honeywell custom standards

Producing a standard in-house can be a technically challenging, time consuming and expensive process, requiring you to source materials, purify, and validate your standard.

Our extensive experience enables us to efficiently produce and test custom standards to your requirements for less than it would cost to produce in-house\*\*.

- With all our facilities on one site, our expert team can develop, test and manufacture a simple custom standard within a week, and a more complex custom standard within two.
- Because our custom standards are guaranteed to be the correct specification and come with full documentation, you can be sure your analysis is reliable and accurate.



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